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SVIRCO Prompt Report: May 2012

Fabrizio Signoretti and Francesco Re

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ISTITUTO DI ASTROFISICA E PLANETOLOGIA SPAZIALI

AREA DI RICERCA ROMA - TOR VERGATA

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

SVIRCO Prompt Report: May 2012

Fabrizio Signoretti and Francesco Re

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Abstract

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

SVIRCO OBSERVATORY

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

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

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

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

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

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

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

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

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

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

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

DATA PRESENTATION

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

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

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

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

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

CONDITIONS FOR SVIRCO DATA USE

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

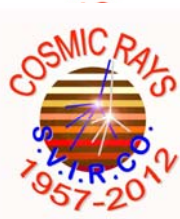
-You agree to acknowledge our financial supports in any published use of the data.

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

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

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

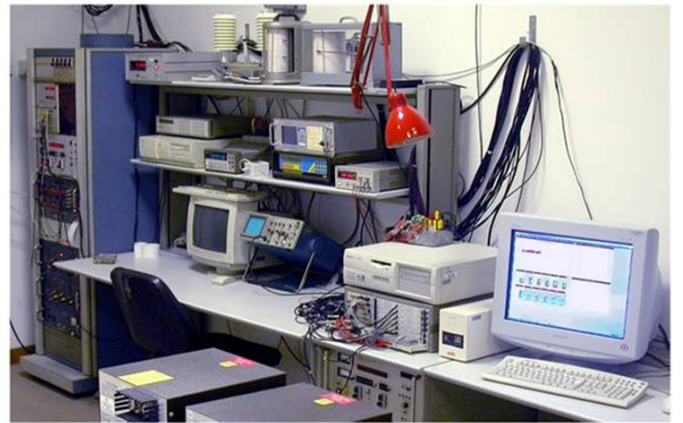
stefano.massetti@ifs-roma.inaf.it



S.V.I.R.CO. Observatory

Rome

Italy



		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64		
		INAF/UNIRomaTre													
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	45298	46110	46022	45913	45478	45838	46205	46256	45802	46324	45878	45978	99.865	
	1	46235	46114	45810	46179	46026	45787	45450	46118	45336	46114	46101	46336	99.959	
	2	45678	45869	46115	46116	45826	45849	45588	45683	46203	46741	46047	45053	99.807	
	3	46004	46415	46606	46092	46060	45661	46307	45465	46116	45664	45777	45947	100.051	
	4	45734	46033	45952	46037	46674	46315	46100	45800	46004	45748	46814	45338	100.130	
	5	45938	46184	46001	46369	46420	45751	45746	46227	46557	46054	46520	45422	100.246	
	6	46226	46723	45980	45635	45493	45170	46019	46274	46197	46247	45672	46062	99.975	
	7	46452	45917	46480	45906	45781	46189	46401	46934	46361	46428	46170	46466	100.662	
	8	46943	46554	46848	46014	46530	46863	46122	45892	46411	46001	45842	46062	100.770	
	9	46196	46543	46367	46153	46916	46476	46648	46346	46957	46683	46213	45876	101.004	
	10	46073	46388	46405	46356	46445	46525	46448	46521	46292	46774	46674	46647	101.035	
	11	46674	46787	46453	46713	46623	46654	46266	46729	46363	46263	46944	46206	101.240	
	12	46704	46337	46266	46311	46158	46342	46690	46095	46405	46853	46339	46636	100.961	
	13	46651	46644	46335	45938	46309	46163	46597	46490	45810	46696	46496	47019	100.963	
	14	46037	46661	46175	46256	46824	46081	46441	46531	45868	46206	46128	46229	100.653	
	15	46566	46178	46472	46266	46008	47062	45927	46243	45990	46515	46195	45831	100.620	
	16	46203	46155	45794	46060	46240	46650	46613	46728	46553	46387	46126	46057	100.676	
	17	46466	46724	46828	46455	46082	46480	46170	46002	45705	46713	46364	46403	100.826	
	18	46103	46284	46484	45980	46330	46378	46501	45515	46482	45999	46213	46518	100.535	
	19	46871	46702	46230	46010	46007	45749	46401	46352	46487	45729	45724	45929	100.428	
	20	46226	45777	46543	46295	46196	46516	46363	46416	46150	46442	45884	45964	100.533	
	21	45676	46409	46169	45686	45492	45925	45910	46461	46156	46509	46088	45834	100.087	
	22	46527	46444	46233	46220	45809	45999	45884	45836	46445	45862	45611	46288	100.240	
	23	46304	46494	45770	45538	46283	45848	46034	45067	46242	45916	46154	46274	100.016	
2	0	45509	46097	45729	46046	45981	45791	46063	45885	45580	45732	45787	45702	99.648	
	1	46180	45746	46106	45825	45636	45567	46067	46159	46440	45804	45941	45425	99.830	
	2	46027	45959	46028	46070	45682	46840	45544	45505	46335	46036	45886	46133	100.039	
	3	46425	45386	46224	45954	45855	45722	46213	45938	45907	45656	46179	46688	100.057	
	4	45530	45685	46172	45920	46361	46343	45969	46361	45876	46225	46191	45966	100.139	
	5	45461	46399	46095	45755	45903	45504	45858	45476	45453	45739	45641	46068	99.550	
	6	45812	46000	45693	45574	46045	45380	46323	45385	46252	46521	45890	45814	99.792	
	7	46096	46804	45999	46414	46169	46184	45801	46651	46380	46082	45554	45877	100.395	
	8	45865	45653	46205	46285	46843	45763	46363	47311	46067	46464	46519	45730	100.586	
	9	45532	46463	46532	46675	45808	46378	46503	46702	46566	46035	46161	46405	100.712	
	10	46779	45452	46076	45509	46365	46307	45854	45636	46381	46859	46369	46552	100.418	
	11	46671	45816	46332	46285	46271	46729	46840	46574	46189	46469	46406	46388	100.931	
	12	47096	46516	46794	46470	46199	46013	46950	46185	45995	46291	46819	46284	101.047	
	13	46743	46849	46780	46353	46401	46615	46167	46501	47272	46591	46154	45835	101.165	
	14	45710	46836	46497	46572	46115	47088	47078	46699	46170	46780	46753	46687	101.296	
	15	46750	46183	46855	46457	46820	47757	46725	46512	46586	46397	46684	47190	101.646	
	16	46379	46910	47049	46687	46596	46501	46178	46194	46886	46649	46110	46878	101.302	
	17	46728	46528	47292	46761	45940	46223	46168	46498	46908	46423	46841	46944	101.345	
	18	46549	46764	46146	46713	46488	47142	46227	46738	46575	46300	46519	46651	101.265	
	19	46506	46374	45875	46193	45946	46838	46278	46367	46968	47259	46093	46000	100.882	
	20	46921	46419	46509	46453	46523	46383	46605	46151	46916	46439	45972	46705	101.117	
	21	45918	46903	46304	46664	46521	46176	46036	46917	45851	46084	46550	46241	100.785	
	22	46100	46300	46150	46328	46129	45789	46947	46733	46712	45802	46107	46610	100.702	
	23	46160	45882	45809	45686	46647	46562	46248	46493	46870	46302	46565	46103	100.633	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64		
		INAF/UNIromaTre													
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	45825	46260	45807	46259	45840	46396	45591	46582	46543	46254	46382	46349	100.410	
	1	46067	45784	46813	46267	46590	46400	46256	46269	46101	46754	46348	45917	100.677	
	2	46892	46392	46362	46434	46309	46619	46413	46692	46393	46037	46711	46270	101.031	
	3	46122	46148	46397	46177	46000	46294	46706	46202	46445	46271	46145	46592	100.664	
	4	47032	45941	46914	46472	46114	46302	46163	46338	46373	46034	46433	46272	100.826	
	5	46435	45925	46495	46807	46406	46234	46519	45944	46501	46836	46807	46589	101.027	
	6	45981	46483	46535	46202	46407	46397	46305	46795	46459	47012	46001	46209	100.898	
	7	46374	46127	46852	46414	46377	46851	46481	46368	46917	46460	46485	46705	101.192	
	8	46767	46633	46497	47125	46333	46603	46597	47162	46170	46946	46786	46831	101.562	
	9	46742	47216	46929	46948	47062	46573	46681	47097	46495	46738	46725	47176	101.911	
	10	46635	46676	46441	46928	46312	47414	47142	46625	47135	46885	46395	46715	101.716	
	11	46932	47566	47524	46851	46188	46887	47088	46528	47219	46948	46926	46817	102.109	
	12	45997	46995	46303	47255	47075	46863	46440	46506	46520	46623	46684	46990	101.526	
	13	46396	46412	46530	46490	46949	47237	46480	46925	46919	46622	46820	46706	101.568	
	14	46329	46532	46745	47146	46983	46629	45849	46434	46781	46474	46904	46187	101.298	
	15	46730	46593	46594	46262	46972	46947	46842	45767	46569	46598	46198	46452	101.212	
	16	46845	46295	46237	46832	46188	47146	46672	46256	46831	46468	46661	46187	101.230	
	17	45958	46244	46396	46122	46105	46130	45438	46038	46087	45897	46152	46702	100.260	
	18	45992	46105	46626	46013	46551	46927	46278	45773	46057	46114	46428	45732	100.501	
	19	46307	46478	45580	46364	46344	46263	46405	46183	46306	45783	45632	46310	100.385	
	20	46232	46067	46017	46348	45695	46047	46211	47148	45933	46208	46029	46169	100.411	
	21	46162	46237	46087	45763	46038	46689	46320	46303	45941	45846	45655	45684	100.162	
	22	45613	46029	45937	46306	46613	46080	46284	45418	45670	45937	46380	46061	100.090	
	23	46111	46217	46229	46743	46341	46182	45993	46119	45889	46168	46362	46347	100.520	
4	0	45569	45731	45616	44933	46180	46163	46213	46095	45801	45786	45791	46041	99.657	
	1	46656	45921	45692	45865	46291	46292	45834	46243	46146	45816	46280	46125	100.241	
	2	46074	46134	46026	46401	45926	46081	45509	46205	46375	46327	46210	46288	100.312	
	3	46574	45903	46150	45850	46970	46326	46136	46477	46142	45725	45704	46244	100.429	
	4	46647	46006	45610	46240	46089	46032	45838	46500	46217	46499	46325	46090	100.409	
	5	46900	46636	46501	46104	46690	46500	45986	46443	45923	45712	46526	46519	100.835	
	6	46251	46759	46573	45980	45601	45775	46516	46385	46404	46148	46130	46029	100.492	
	7	46630	46616	46451	45545	45936	46183	46427	46750	46782	46376	46605	46474	100.896	
	8	46821	46397	45290	46536	46673	46325	46041	45918	46161	46830	46722	46511	100.796	
	9	46042	46698	46230	45918	46602	46249	46340	46116	46272	46576	46381	46368	100.718	
	10	45896	46251	46446	46549	45800	46447	46090	46307	46386	46005	46302	46312	100.536	
	11	46009	46376	45815	46093	45955	45971	45907	46448	45953	46147	46361	46039	100.225	
	12	45853	45685	46301	46144	46503	46091	46538	46623	46069	45444	45576	46260	100.227	
	13	46155	45983	45766	46589	45969	46372	46491	45395	46700	46081	46005	45745	100.257	
	14	46307	45797	45755	46069	46511	46727	45240	45607	45635	45906	46270	45570	99.920	
	15	46007	45555	46737	45794	45644	45712	46235	46302	45862	45938	46243	45817	100.002	
	16	45864	46190	46384	45983	45775	46087	46148	46609	45825	46333	45783	45496	100.117	
	17	45902	46210	46335	46257	45819	45562	45672	46216	45772	45653	45511	45989	99.831	
	18	46283	46321	46011	46176	45704	46138	45980	46323	46434	46325	45500	45843	100.219	
	19	45819	45666	45666	45575	45498	45886	45972	45892	46075	45821	45587	45962	99.563	
	20	46661	46096	45440	45921	45348	45587	45781	45699	46240	45807	45778	45852	99.706	
	21	45387	45901	45927	45747	45375	45291	46145	46296	45866	45937	46346	46393	99.779	
	22	45058	45821	45507	45681	45944	46028	46050	45418	46275	45941	45822	45900	99.567	
	23	46039	45912	45673	46120	45853	46257	45606	45818	46101	45733	45517	45972	99.776	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64		
		INAF/UNIRomaTre													
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	45466	46232	46188	46226	45991	46135	45785	45052	45944	46115	45822	46036	99.842	
	1	45874	45597	46037	45657	45929	45986	46311	45539	46023	45705	46164	45453	99.717	
	2	46175	45772	45617	45594	46078	45649	45620	45900	45717	45837	45764	45558	99.537	
	3	45901	45991	45794	46079	46338	45841	45675	45890	45776	45583	45830	46054	99.804	
	4	45443	45587	45251	45625	45824	45520	46353	45859	45872	45963	46298	45671	99.534	
	5	45823	45871	45411	45754	45512	46007	46280	46133	46376	45199	45962	45994	99.726	
	6	45679	46211	46477	45440	46522	45857	46166	45586	45289	46324	46627	46122	100.084	
	7	45858	45761	46209	45767	45608	46411	46318	45775	46214	46312	45138	45755	99.872	
	8	46477	46113	46243	45981	45791	46169	45696	45975	45826	45997	46244	45840	100.094	
	9	45660	46044	46096	46285	46045	46321	45954	46523	46120	46192	46066	46062	100.278	
	10	45763	45897	45624	45704	45776	46480	46314	46156	45921	46385	45805	45749	99.953	
	11	46288	46769	45327	46215	45912	46096	46416	46323	46316	45716	45822	45697	100.193	
	12	45876	45760	46769	45909	46138	45668	46164	45240	45886	45877	45789	46165	99.893	
	13	46280	46796	45449	45946	46535	45899	46165	46043	46066	45733	45957	46437	100.267	
	14	45847	46333	45879	45874	45906	45891	45263	45493	45468	45893	46191	45985	99.672	
	15	46412	46253	46609	45900	47174	46112	46387	46192	46484	45868	46222	46248	100.730	
	16	46224	45703	46008	46165	45580	46314	45671	45589	45542	45739	45842	46071	99.749	
	17	45360	46303	46130	46744	46143	45540	45626	46053	45648	45867	46122	46106	99.966	
	18	46700	46044	45276	45779	45998	45692	46348	45566	45952	45782	45546	45664	99.732	
	19	45692	45766	45695	46405	46196	46073	46017	45196	46349	46212	45229	45388	99.707	
	20	46348	45771	46239	45937	46263	46159	46121	45783	45012	45507	46082	46233	99.931	
	21	45965	45039	45608	46211	46715	46055	45726	45723	45385	45379	45504	45676	99.483	
	22	46127	45870	44882	45759	45113	45180	45788	46027	45898	45978	46121	46061	99.451	
	23	45770	45510	45583	45966	44943	45625	46577	45657	45858	45942	45489	45413	99.365	
6	0	45668	46279	45766	45792	45497	46372	46197	46321	45560	45913	45812	45762	99.838	
	1	44808	46186	45243	46062	45752	45488	45831	45797	46101	45962	45268	45673	99.336	
	2	45550	46050	46173	46039	45257	45533	45819	45172	45514	45703	45816	45764	99.376	
	3	45796	45755	45528	45255	45830	45710	45723	45654	45873	45797	45995	45605	99.400	
	4	45678	46002	45663	45703	45804	46090	45534	46144	45889	45950	45532	46210	99.704	
	5	45240	45747	46218	45530	45332	46683	45817	46059	46385	46182	45786	45788	99.807	
	6	45659	45392	45802	46562	45249	45454	45624	46052	45304	45937	45808	45760	99.414	
	7	45893	46201	46026	45438	46411	45387	46013	45578	46501	46453	45906	45621	99.926	
	8	45738	45955	45794	45309	46025	45979	46327	46310	46470	46032	46179	45947	100.042	
	9	46061	46409	45954	45981	45951	45691	46071	46131	46310	45967	46036	45819	100.099	
	10	46774	46059	46567	46185	45428	45784	46399	45848	46207	46787	46012	45957	100.395	
	11	46115	46279	46528	46061	46234	46017	46636	46790	46130	47108	45597	46000	100.664	
	12	45679	46393	45922	45742	46042	45680	46365	46203	46210	46162	45735	46193	100.089	
	13	46226	46469	45822	46106	46495	45910	46774	46102	46154	45505	46347	46077	100.390	
	14	46137	45919	46038	45695	46021	45666	45494	45884	45787	45617	46059	45688	99.669	
	15	45575	45649	45478	45569	45719	46439	45717	45565	45724	45732	46238	46351	99.624	
	16	45516	45870	45837	45603	46359	45561	45606	45551	46332	45458	46000	46442	99.692	
	17	45837	45838	46109	44710	45718	46142	45935	46103	45151	45910	45854	45870	99.518	
	18	45140	46134	45614	45285	45482	45705	46629	45383	45419	46207	45422	45813	99.348	
	19	45800	45419	45396	46294	45957	45706	46092	45965	46035	45806	45513	46568	99.767	
	20	45583	46353	45843	45351	45629	45428	44862	45916	45827	46320	44878	45634	99.238	
	21	45836	44897	45627	45929	45170	45471	45703	45903	45369	46614	45318	46107	99.296	
	22	45839	45970	45176	45404	45769	45051	45604	45245	45898	46011	45985	45805	99.262	
	23	45727	45616	45261	45825	45645	45841	45074	45706	45555	45147	45178	45969	99.041	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64		
		INAF/UNIromaTre													
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	45288	45501	46204	45540	45729	45148	45562	45601	46265	45608	45467	45802	99.251	
	1	45837	45424	45372	45710	45721	45171	45640	45202	45593	45943	45359	45691	99.063	
	2	45926	46076	45796	45589	45740	45771	45725	45822	45718	45203	45913	45532	99.452	
	3	45872	45355	45421	45516	45638	45097	45834	45423	46184	45500	45617	45758	99.163	
	4	46158	45383	45567	46012	45565	45170	45348	45439	45634	45290	45502	45964	99.130	
	5	45420	45544	45906	45973	45582	46135	45876	45669	45726	45692	45970	45886	99.555	
	6	45688	46454	45419	46594	45786	45921	45872	45787	45455	45860	45195	45661	99.612	
	7	46206	45486	45596	45155	46069	46186	45370	46198	45845	45490	45425	45788	99.453	
	8	45885	45859	45927	45716	45944	46212	45463	45901	46052	45904	45882	45793	99.765	
	9	45758	46132	46054	45434	46546	45846	45919	45484	46091	45641	46046	45692	99.785	
	10	45865	45206	46008	45813	46082	45766	45682	46321	46375	46253	45722	45748	99.820	
	11	45495	45994	46207	46376	46070	46625	45507	45757	46227	45684	45825	46060	99.999	
	12	46287	46191	45754	46070	46488	45662	45913	46649	45915	45826	45913	45769	100.110	
	13	45707	45387	45842	46448	45897	45727	45631	46186	46105	45365	45783	46376	99.750	
	14	45711	45838	45946	45852	45460	46059	46113	45688	46347	46289	46088	45465	99.823	
	15	45550	46150	45521	45310	45414	45195	45787	45995	46220	45650	45785	46287	99.462	
	16	46040	45733	45692	45818	45799	46178	45773	45440	45823	45788	45446	45642	99.518	
	17	45669	46042	45973	45776	45951	45524	45897	46089	45862	45653	45033	45454	99.473	
	18	45545	45690	45455	46016	45735	45538	45894	46004	45584	45746	45711	45925	99.458	
	19	45469	45838	45982	45971	45485	45660	45452	46215	45623	45969	46431	45843	99.656	
	20	45187	45676	46201	45176	45675	46094	45202	46204	45717	46323	45810	45868	99.511	
	21	45913	44938	46086	45813	45493	45525	46274	45166	45383	45496	45540	45350	99.120	
	22	45569	45424	45183	45056	46370	45507	46399	45315	45393	45492	46423	45723	99.279	
	23	45032	45516	45601	45703	45981	45782	45589	46094	45011	45389	45404	45181	98.994	
8	0	45710	45137	45503	45109	45194	45658	45146	45036	45466	45174	46170	45712	98.762	
	1	45774	45330	45955	45394	45486	45936	45818	45969	45378	45705	45478	45293	99.218	
	2	45797	46532	45944	45594	45739	44925	45344	45342	45253	45977	45141	45556	99.150	
	3	45778	46103	45424	45763	45605	46332	46252	45741	45115	46011	45753	45232	99.507	
	4	45352	45615	45123	45250	45228	45660	45466	46196	45542	45655	45633	45458	98.975	
	5	46063	45642	45463	45725	45861	45683	45903	45622	45173	46180	44800	45717	99.275	
	6	46153	45522	45405	45575	46211	45957	45596	45582	45788	46832	45516	45388	99.582	
	7	45581	46110	45601	45700	45624	45295	45610	45747	45339	45252	45762	45721	99.186	
	8	46478	45536	45667	46142	46184	46059	45852	45290	46678	45510	46270	46340	100.031	
	9	46278	45632	46414	45560	45913	46413	45816	45610	46544	45450	46503	45832	100.024	
	10	45802	45378	45504	46277	46351	45971	45981	45835	46393	46571	46138	45833	100.037	
	11	45851	46009	45705	45944	46122	45767	45869	45438	45695	46830	46087	46172	99.937	
	12	46085	46184	46675	46131	45788	46141	46282	46487	46298	46322	45560	46043	100.392	
	13	46003	46325	46552	46162	45854	46579	45783	46236	45943	46134	46409	46030	100.394	
	14	46066	46846	46557	46142	46438	46249	45718	45750	46888	46295	45893	45822	100.513	
	15	46716	45898	46066	46049	45810	45592	46121	46115	45478	46352	45871	45556	99.962	
	16	45968	46430	46167	45918	44655	45595	45793	45240	46022	46410	46408	45725	99.728	
	17	46147	45515	45635	46113	46041	45909	46419	46197	45700	45250	45340	45085	99.550	
	18	45546	46249	45920	46268	46206	45788	45765	45856	45958	45667	45595	45580	99.740	
	19	45823	45429	45607	45530	45699	45087	45497	46331	45699	45604	45993	45816	99.326	
	20	44979	45989	45464	45217	44870	45726	44976	45579	45626	45291	45767	45333	98.729	
	21	45269	45380	46500	45324	45534	45042	45199	45712	45898	45270	45360	45678	98.973	
	22	45149	45740	45531	45414	45907	45543	45897	46093	45429	45328	45458	45752	99.168	
	23	45660	45814	45406	46180	45772	45539	46110	46017	45489	45755	45951	45692	99.556	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64		
		INAF/UNIRomaTre													
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	46282	46061	45374	45271	45779	45806	46092	45689	46105	45318	45484	46061	99.544	
	1	45548	45786	45430	46307	45793	45445	45429	46109	45751	45417	45235	45650	99.287	
	2	45440	46324	45474	45844	45245	46247	45718	45830	45365	45586	45705	45472	99.351	
	3	45613	45214	45502	45108	45742	45569	45550	44983	45440	45372	45482	44901	98.667	
	4	45258	45563	46246	45457	45622	45670	45988	45992	46244	46023	45841	45131	99.493	
	5	46309	46215	46028	45917	45536	45512	45569	44952	45646	46234	45815	45761	99.577	
	6	45657	45751	45358	45835	45511	45373	45743	45850	46033	46086	45584	45503	99.357	
	7	45807	46106	45711	45157	45532	46126	46440	45611	45658	45578	45697	45469	99.467	
	8	45829	45629	46194	46165	46174	45928	45218	45917	46242	45424	45934	45911	99.770	
	9	46166	45637	44852	45549	46246	45979	46059	45690	46408	46368	46120	46239	99.906	
	10	45483	46241	46189	46414	45918	46210	46356	46135	45774	45613	46178	46418	100.199	
	11	46464	45801	46418	45609	46630	45901	46353	46025	46778	46738	46268	45871	100.548	
	12	46682	46171	46223	46347	45707	45875	46059	46245	46570	46257	46171	46020	100.452	
	13	46769	45853	46381	47090	46645	46316	46738	46688	45974	45872	45668	46097	100.772	
	14	46000	45656	45842	46168	46379	46511	45957	46449	45787	46473	46393	46410	100.397	
	15	46012	46618	46780	46600	46061	45988	45812	46377	45808	45896	46627	46527	100.593	
	16	45419	46604	45903	46220	45880	45793	45942	45920	46039	45790	45758	45875	99.875	
	17	46313	45568	46837	45745	46521	45715	46156	46090	45420	46142	45463	45725	99.975	
	18	46013	45646	45991	45878	45798	46619	46004	46101	45921	45512	45898	45706	99.865	
	19	45611	46435	46064	46138	45797	45840	46519	45818	45462	46345	45726	46047	99.994	
	20	46573	46866	45948	46337	46266	46020	46516	46003	45861	46238	45325	45653	100.322	
	21	46572	45825	46089	46190	46287	45993	46354	45964	45984	45987	45964	46098	100.267	
	22	46247	45713	45940	46732	45378	45839	45945	47081	46053	46337	45555	45984	100.176	
	23	46174	45678	45768	45416	45917	46370	45317	46135	46508	46212	45464	45803	99.806	
10	0	45874	45777	46294	46219	45321	45629	45196	45710	46258	45830	45362	46518	99.665	
	1	45853	46414	45936	46127	45975	45958	45990	45437	46216	46442	45160	45996	99.940	
	2	45855	45717	44770	45910	45826	46148	46099	45382	45980	46428	45875	45812	99.632	
	3	46036	46094	46091	46103	45441	45466	45339	46014	46279	46413	45454	46015	99.803	
	4	45643	46559	45899	45773	45735	46016	46043	46291	46004	46113	45898	46014	100.028	
	5	46175	46038	45733	45414	46091	45499	45670	45653	46057	46187	45984	45806	99.724	
	6	45972	45533	46201	45938	46010	46240	45317	46331	45899	46122	45351	45504	99.744	
	7	45843	46045	46265	44980	46303	46689	45610	45791	46107	46031	45974	46459	100.048	
	8	46161	46186	45861	46204	45991	45952	45768	46190	46318	46212	46756	46037	100.327	
	9	46492	45987	46866	46478	46508	46882	45817	45650	45303	46149	46697	46517	100.637	
	10	46075	45536	46249	46507	46265	45536	45946	46127	46536	45651	45584	45977	100.028	
	11	45986	46919	46109	46911	45785	46470	46470	45921	46006	46348	46488	46346	100.712	
	12	45923	45953	46356	46321	46478	46129	46372	46349	46112	46139	46760	46499	100.645	
	13	45727	45871	46110	45843	46096	46572	46596	46297	46481	46617	46228	46434	100.551	
	14	46833	46108	46251	46771	46985	46066	45997	46488	46643	46051	46162	46326	100.879	
	15	45052	46259	46299	46707	45588	45754	45827	46435	46124	46314	46316	46112	100.173	
	16	45661	46503	45426	46002	46169	45460	46359	45870	45438	45377	45973	45943	99.700	
	17	45511	46084	46171	46490	46247	45587	46588	45953	45620	45959	46067	46718	100.210	
	18	46251	46002	45912	45984	46649	46081	45792	46321	46569	45871	46442	46858	100.525	
	19	46397	46008	45905	46097	45610	45166	46291	45961	45986	45456	46218	46817	100.014	
	20	46059	45976	45855	46122	46532	45360	45718	45815	46048	46347	46124	45894	100.003	
	21	46022	46214	46119	45839	45735	45665	45676	45545	45754	45538	46011	46181	99.722	
	22	45271	45919	45937	46319	45946	44964	45338	45487	45395	45830	45534	45316	99.170	
	23	46375	45552	45860	45907	47041	45774	46450	46674	45897	45610	45910	46371	100.288	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64	
		INAF/UNIRomaTre												
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	45958	45999	46167	46884	45834	46107	45731	46138	46685	46322	46018	45966	100.359
	1	46165	46490	46744	46057	46547	46478	46384	46729	45929	45729	46008	45778	100.581
	2	46203	45802	46172	45812	46433	45096	46276	46178	45981	45710	46088	46201	100.022
	3	45872	46445	46327	46365	46211	46117	46351	46096	46637	46072	46206	46071	100.532
	4	46556	46027	45919	45976	46276	46646	45893	45988	46137	46876	46121	46287	100.520
	5													
	6													
	7		45865	46132	45875	46453	46043	46209	45976	46549	46625	46241	45882	100.358
	8	46225	46815	46128	46148	46452	45875	46301	46361	45405	46457	46169	46333	100.514
	9	47149	46166	46922	46467	46109	45384	46813	45657	46205	46853	46238	46078	100.762
	10	46391	46133	46126	46542	46151	46116	46675	45995	46185	46326	46417	46354	100.648
	11	45950	46039	46773	46179	46435	46156	45794	45668	46548	46847	46145	45722	100.439
	12	46417	46483	46224	46115	46358	46663	46318	46318	46559	46647	46272	46187	100.857
	13	46243	46476	46628	46380	46860	46115	45998	46217	46773	46319	46901	46693	101.046
	14	46104	46303	46042	46844	45754	46218	46426	46276	46369	46412	46102	46570	100.650
	15	46430	46280	46595	46322	46132	46336	46219	46081	45894	46389	46258	46269	100.611
	16	46363	46081	46570	46492	45942	46447	46156	46623	46781	45602	46819	46324	100.792
	17	46859	45891	45290	45780	46219	46249	46410	46140	46244	45834	45918	45553	100.101
	18	45924	46430	46424	45800	45702	46229	46061	46338	45956	46281	46437	45881	100.296
	19	45861	45715	46094	45870	45959	46008	46031	45899	46601	45650	45961	45809	99.932
	20	46522	45891	45919	46812	46444	46094	46417	46154	45575	45896	45675	45933	100.272
	21	45659	45817	46250	45594	46560	45134	45865	45999	45656	45600	46044	46027	99.704
	22	45961	45356	45194	45950	46048	45901	46055	45751	45491	46312	46068	45724	99.634
	23	45908	45420	46141	46417	45838	46281	45575	46136	46138	45709	45929	46409	100.013
12	0	45722	46127	46086	45831	46264	45159	45120	46614	45809	45990	46287	45138	99.688
	1	46403	46092	45645	46257	46308	46167	45512	46291	46147	45867	45383	46214	100.082
	2	46202	45968	46159	46432	45497	46080	45705	45679	45910	45652	45746	45636	99.788
	3	46052	45897	45572	46122	45877	45815	45711	46262	45644	45591	46498	45362	99.741
	4	45695	45818	45589	46087	46030	45805	45756	46077	46740	45876	45958	46144	99.953
	5	46306	46089	46040	45967	46220	45728	45215	46460	46283	45463	46069	46039	100.008
	6	45887	45494	46023	46406	46013	45802	45654	46013	45810	46017	46934	46351	100.103
	7	45947	46055	46276	46218	45740	46230	45875	45472	46293	46008	46735	45803	100.149
	8	45940	46207	46510	45995	46586	45863	46377	46254	46216	46577	45897	46063	100.481
	9	45955	46418	46305	45914	45466	46304	46050	46373	46328	45871	46334	46277	100.320
	10	46593	46463	46367	45866	46296	46074	46696	46120	45691	45949	45928	46445	100.481
	11	45924	45920	46155	45886	46573	46291	45990	45961	45654	45596	46255	46125	100.090
	12	46611	46024	45921	46484	46378	46156	46129	46039	45914	46273	46360	46831	100.596
	13	46836	45952	46981	46265	46040	46630	46376	46559	46240	46197	46509	45851	100.834
	14	46060	46234	46286	45916	46144	46151	46080	46207	45469	45764	46460	46279	100.220
	15	45755	46367	46489	45798	45882	45657	46062	46225	45951	45724	46164	46379	100.113
	16	45826	46432	46412	46309	46432	46564	46591	46307	46560	46048	46822	45526	100.724
	17	46579	46026	45910	46494	45936	46776	46150	46299	46776	45724	46006	46295	100.568
	18	46985	46090	46399	46353	46116	46349	45852	45159	46064	45832	45767	45759	100.162
	19	46140	45438	46512	46536	46536	45763	46049	46575	46844	46158	46338	46221	100.594
	20	45381	46268	45958	45581	45924	45750	45582	45583	46049	46035	45914	46397	99.744
	21	46382	46231	46275	45493	45929	45537	45546	45662	45476	46505	45994	46400	99.927
	22	45750	45713	45892	46432	45063	45116	45640	45706	45820	45856	45591	45960	99.403
	23	45781	45859	45880	46012	45456	45984	45857	45802	45679	45988	45977	46019	99.721

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64		
		INAF/UNIRomaTre													
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	45564	46038	46069	45781	45456	45517	45691	45478	45431	45399	45734	45475	99.230	
	1	45663	45592	45720	45632	45986	46019	45861	45823	46236	45663	45809	45629	99.602	
	2	45967	46185	45385	45555	45914	45979	45979	46026	45777	46423	45285	45061	99.584	
	3	45702	46053	46265	46173	45147	45866	46046	45384	45705	45786	46000	45120	99.531	
	4	45866	46040	45840	45945	45931	45272	45874	45141	45346	45561	45784	45800	99.378	
	5	45725	46258	45740	45330	45576	46249	45657	45355	45813	45563	45717	45892	99.464	
	6	45077	46191	45866	45919	45800	45660	45812	45602	45077	46160	46015	45334	99.398	
	7	45749	45896	45665	45536	46082	45970	45639	45749	45822	45597	45635	45868	99.524	
	8	45621	46188	46153	45862	45512	45927	45989	45859	46147	46104	45815	45382	99.770	
	9	45568	45629	46130	45773	45341	45416	45672	45430	46624	45505	46079	45379	99.404	
	10	45729	45228	45759	46093	45082	46030	45541	45641	45563	45901	45479	45818	99.281	
	11	45323	45186	45693	45544	45520	45767	45855	45559	46271	45666	46120	46096	99.415	
	12	45764	45819	45740	46002	45789	45807	45701	46133	46160	45734	45429	45863	99.657	
	13	45639	45076	46167	45419	45901	45620	45916	45728	46128	45944	45957	45491	99.484	
	14	45797	45163	46362	46002	45957	45896	45523	46284	46279	45800	45933	45856	99.822	
	15	45589	46032	46412	45504	45963	46129	45723	45757	45671	46099	46086	46296	99.897	
	16	45584	45758	45500	45804	45997	45967	45166	46437	45874	45708	45606	45938	99.548	
	17	45755	45981	45700	45707	45909	45659	46198	45767	45755	45807	46402	46468	99.868	
	18	45113	45717	46018	45570	45438	45916	46299	45912	45806	45534	45645	45855	99.455	
	19	46313	45801	46441	46350	45892	46015	45849	45746	45980	46114	45955	45977	100.109	
	20	46272	46113	46205	45593	46480	46693	46743	46159	46262	47014	46205	47038	100.896	
	21	46111	46051	45767	46347	46316	46221	45696	46602	46421	46373	47167	46343	100.650	
	22	46331	46076	46046	46664	45598	46014	46483	46580	46495	46147	45953	46108	100.482	
	23	46207	46143	46330	45790	46819	46555	46883	45888	46233	46797	46387	46265	100.809	
14	0	46162	45850	46390	45938	45948	46511	46349	46368	46399	46699	46274	46289	100.599	
	1	46111	46228	45886	45372	46628	45223	46163	46000	46072	45849	46085	45347	99.842	
	2	45988	46171	45854	46230	45365	45468	46130	46028	45796	46368	46541	46624	100.132	
	3	45869	46272	46161	46129	46448	45771	45600	46088	45625	46926	46148	45863	100.193	
	4	45885	45971	45987	46217	46151	45804	46079	45798	45812	46020	45326	45992	99.857	
	5	46331	46164	46563	45735	46430	46063	45926	46184	45323	46613	45908	45913	100.239	
	6	46342	46544	45243	46011	46512	46376	45982	46682	46170	46234	45919	45755	100.351	
	7	46424	45981	46096	46125	46012	46128	46498	46342	46084	46229	46283	45933	100.417	
	8	46599	46033	46215	46574	46441	46849	46705	46342	46609	46038	46904	46042	101.000	
	9	46122	46130	46647	45429	46175	46960	46327	45892	46623	46282	46580	46547	100.704	
	10	47051	45891	46243	46627	46170	46551	45915	46640	45932	46458	46602	46006	100.771	
	11	45844	46320	46404	45608	46014	45934	46349	46733	46324	46669	46222	45738	100.421	
	12	46027	45566	46231	45977	46378	46625	45779	45858	45995	46181	46153	45600	100.097	
	13	45968	46597	46341	46382	46444	46270	46638	45927	46338	46508	46197	46441	100.764	
	14	45781	45891	46805	46422	46114	46573	46385	46965	46550	46454	46461	46999	101.008	
	15	46276	46663	46902	45740	46140	46290	45822	46171	46489	45932	46424	46150	100.573	
	16	46209	45932	46819	46456	46052	46345	46155	46756	46132	45978	46300	45795	100.561	
	17	46669	46317	46307	46268	46025	46016	46312	46240	46114	46359	46428	46161	100.613	
	18	45951	45908	45960	46661	45672	46556	45893	46596	46026	45648	46768	46741	100.461	
	19	45577	46123	46296	46318	46070	46334	45901	46025	46198	46048	46274	46215	100.280	
	20	46072	46492	46798	46060	46317	46057	46487	45543	46354	45901	46352	46429	100.549	
	21	46270	46108	46150	46517	46579	45719	46499	46435	45653	45035	45975	45972	100.196	
	22	45156	45707	46423	46046	46260	46374	45978	46357	45784	46292	45794	46100	100.079	
	23	46501	45573	46278	45728	45928	46394	45692	45964	46359	45945	45711	45833	100.014	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012												20 NM-64
		INAF/UNIRomaTre												
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	45726	45456	45814	45924	46368	45590	45970	45926	45586	45533	46587	45952	99.751
	1	45605	46160	45882	45640	45538	45546	45214	46151	46539	46217	46066	45880	99.747
	2	46231	46119	45586	45828	46186	45802	45680	45725	45870	45753	46142	45774	99.794
	3	45638	46422	45987	45678	46480	46338	46089	45846	45728	46073	46339	45831	100.112
	4	46391	46012	45864	46456	45415	46070	46560	46398	45987	46657	46429	46780	100.577
	5	46023	46323	45591	46382	46679	46593	46388	46547	46158	45746	47038	45981	100.655
	6	46031	46534	45976	46222	46173	46577	46221	46296	46433	45898	46690	46913	100.748
	7	45969	46728	45956	45647	46077	46779	46469	46136	45833	46768	46671	46581	100.686
	8	46053	46393	46713	45853	46089	45283	46069	46451	45914	46204	45997	46252	100.261
	9	46602	46341	45723	46235	46135	46529	45795	46637	46652	45870	46060	46091	100.514
	10	46218	46203	46340	46109	46562	46186	46065	45883	46140	46262	45921	46092	100.389
	11	45469	45564	46092	46093	45592	45910	46278	46623	46362	46199	45790	46361	100.091
	12	46501	45911	46441	45455	46002	46748	45992	46256	46722	46126	46759	45459	100.460
	13	46110	46345	45850	45835	45743	45945	46033	46191	46543	45789	46579	46363	100.271
	14	46041	46031	46056	46240	46326	46204	46294	46284	46568	46088	46232	46157	100.487
	15	45899	45981	45874	46312	45847	46315	46301	46540	46308	45975	46310	46216	100.370
	16	45735	45954	46109	46191	46047	45431	45569	46430	46322	46002	45938	46195	100.017
	17	45746	45842	46130	46086	46581	45893	45911	45992	46107	46257	46367	46417	100.271
	18	46390	45994	46014	46118	45608	46163	45951	46173	45852	45582	46347	45493	99.973
	19	45995	46171	45943	45535	46355	45705	45543	46386	45752	45982	45729	46379	99.935
	20	46223	45458	46250	45587	45813	45976	45767	46076	45924	45754	45586	46084	99.758
	21	45923	45825	46353	45314	45966	45849	45618	45961	45685	45551	46033	46367	99.748
	22	45868	45943	45929	45608	45947	45858	45616	46457	46062	45466	45942	45891	99.774
	23	45657	45749	45887	45786	45784	46274	45933	45414	45320	45731	45490	45731	99.442
16	0	45900	46364	45977	45852	46127	46001	45813	45900	45818	45375	45480	46813	99.919
	1	45711	46283	46044	46064	45909	46074	45501	46325	45600	46114	46359	45998	100.027
	2	46310	45977	46246	46466	45991	46319	46177	45822	46143	45735	46061	46071	100.269
	3	46162	45978	46364	46048	46597	45767	46673	45531	46036	45431	45814	46521	100.197
	4	46410	46189	46230	45405	46238	45527	45732	45966	46182	45752	46287	46167	100.046
	5	45644	46087	47011	46240	46494	46371	45831	46081	46138	46066	46219	45926	100.412
	6	46240	45939	46110	45605	46348	46087	46404	46259	46292	46034	46355	45195	100.187
	7	45713	46562	46048	46336	46118	46295	45819	45417	46256	46032	46826	45949	100.278
	8	45512	46009	46653	46238	46722	46197	46143	46518	45675	45961	45915	46234	100.352
	9	45796	46120	46138	46497	45903	46640	46005	45939	45869	45946	46415	45598	100.187
	10	47235	46165	46675	46718	45795	46601	46562	45798	46167	46688	46281	46444	100.960
	11	46171	45832	46533	46377	46688	46138	46137	46332	45742	46245	46182	45691	100.405
	12	46263	46354	46243	45712	46344	46158	46378	46216	46473	46386	45689	45971	100.427
	13	45969	46157	46349	45893	46427	46268	46383	45704	45801	46509	46190	46605	100.438
	14	46407	46467	46789	46240	46184	46144	45864	46384	46084	45952	46105	45926	100.491
	15	46458	46488	45910	45859	46129	46016	45833	46216	46331	46352	45512	46132	100.255
	16	45804	46014	45626	46534	46224	46611	46384	45902	46043	46137	46386	46254	100.378
	17	46568	46532	45896	46018	46332	46298	45960	45890	46330	46400	46448	46110	100.535
	18	46393	46038	46225	46098	46468	46336	46555	46467	46176	46280	46190	46208	100.653
	19	46696	45925	46231	46928	46136	46016	46273	46291	46367	45937	46231	45827	100.549
	20	46158	45879	46354	46365	45950	46201	46044	45900	46783	46247	46988	46032	100.555
	21	46596	46332	45988	46254	46356	46327	46934	46719	45932	46672	46563	46636	100.992
	22	46569	46247	45970	46803	46215	46266	46375	46304	46826	46976	46098	46419	100.948
	23	46286	46202	46553	46814	46914	46245	46902	47292	46986	46751	47153	46815	101.645

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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	46527	46379	46616	46483	46953	46781	46206	47190	46648	46501	46751	46640	101.422
	1	46553	46508	46082	46569	46432	46456	46292	46724	46354	46181	46330	46747	100.978
	2	46233	46825	46953	47010	46231	46250	46313	46702	46315	46330	46427	45856	101.017
	3	46447	46982	45771	46070	46773	46798	46230	46947	46519	46627	46283	46876	101.176
	4	46670	46998	47137	46041	47050	46258	46615	46611	46860	45723	46559	47261	101.441
	5	46930	46701	46889	46761	46640	46939	46821	46396	45873	46974	47224	46745	101.641
	6	46935	46596	47030	46736	46878	46933	47095	46826	46683	46885	46967	47169	101.975
	7	46725	47087	46271	46925	46673	46789	47046	46715	46781	46818	46920	46704	101.743
	8	47003	46662	46238	46447	46359	46820	47062	47089	46692	46674	46857	46305	101.518
	9	46952	46589	46872	46714	46956	46650	46385	46798	46349	46815	46373	46432	101.459
	10	47131	46641	46821	46542	47010	46468	46728	46868	47005	46746	46944	46555	101.744
	11	46361	46802	46328	46896	46727	46819	46362	46851	46172	46839	46558	46650	101.365
	12	46366	46367	45977	46813	46747	45765	46828	46347	46063	46544	46532	46142	100.844
	13	46601	46011	45788	46962	46176	45941	46744	45996	46782	46078	46345	46066	100.663
	14	46504	46113	46771	46573	46837	46686	46586	45844	45663	45954	46066	46827	100.832
	15	46559	46449	45679	46224	45878	46038	46460	46410	45840	46282	46087	45535	100.292
	16	46809	46692	45635	46035	46356	46019	46530	46486	46246	46346	46372	45913	100.653
	17	46073	46566	46277	46205	46000	46143	46120	46508	46137	46227	45764	46174	100.428
	18	46093	46335	46360	45732	45960	45978	45548	46082	45540	46225	45874	45608	99.910
	19	46059	45876	47156	44875	46032	46079	45994	45912	46015	46211	46173	45845	100.071
	20	46803	46077	45527	45802	46445	46040	45765	46042	45690	45858	45646	45208	99.831
	21	45556	46179	45430	46256	45448	45598	45514	45835	45668	46175	45576	45662	99.468
	22	46060	45930	46064	46296	46310	45412	45389	46140	46457	45858	45236	45691	99.821
	23	45382	45874	45869	46037	46078	46323	45564	46127	45439	45860	44897	45353	99.451
18	0	45614	45978	46824	45500	45377	46127	45874	45946	45627	46066	46210	45857	99.847
	1	46019	45803	46216	45880	45626	45684	46173	45182	45588	45110	46016	45504	99.451
	2	45910	45742	45733	45897	45819	45717	44992	45696	45550	44844	45301	45675	99.102
	3	45786	45715	45620	45796	46030	45687	45811	45945	46004	45651	46235	45726	99.669
	4	45706	45795	46685	46697	45872	45457	46121	45900	45221	46699	45467	45539	99.878
	5	45590	45993	46084	45806	46286	45852	46191	46334	46150	45697	45628	45722	99.909
	6	45748	45957	45960	46301	45596	46288	45568	45388	45905	46294	46352	45793	99.876
	7	45742	45521	45871	45662	45566	46041	46711	46359	46270	45929	45515	46424	99.960
	8	46019	45293	45090	45832	45746	45586	45724	45909	45554	45928	47082	46124	99.648
	9	45979	45974	45777	46292	45878	46259	45667	45593	46066	45426	46108	45977	99.849
	10	46873	46383	46166	45580	45882	45656	46198	46277	46070	45773	46114	45967	100.200
	11	45792	46089	46383	46005	46133	45798	45584	46425	46930	46402	46104	45983	100.325
	12	46558	45790	46860	45870	46059	45840	45591	45691	45700	46487	46273	45787	100.122
	13	45886	45995	45581	45971	46302	45898	46055	45529	46216	45624	45950	45775	99.810
	14	45646	45832	46262	46345	46314	45519	46308	46447	46605	46146	45297	45278	100.030
	15	45748	46025	46104	45656	46469	46371	45438	46358	45731	45661	45947	45771	99.900
	16	45748	46846	45650	45298	45493	46294	46063	45418	45966	46048	46192	46493	99.942
	17	45504	46057	46019	45877	46524	45501	45956	46308	45789	45801	46339	46083	99.987
	18	45436	46049	45737	45700	45855	45528	45728	45945	45529	46371	45945	45864	99.611
	19	46138	45807	45216	45225	45639	45662	45810	45862	46345	46142	45331	45464	99.422
	20	46162	45229	45757	45616	46010	45871	45060	46140	45460	46397	45552	46277	99.583
	21	46022	45906	45877	45736	45808	45896	45574	44663	45450	45954	45858	45650	99.377
	22	45848	45542	45403	45788	45493	46650	45080	45152	45673	45172	45936	44848	99.049
	23	45047	45569	45522	45622	45634	45430	45371	45287	45214	45639	45199	46112	98.879

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64	
	INAF/UNIromaTre													
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	44897	45852	45974	45579	45514	45400	45575	45223	45242	45270	45616	45741	98.917
	1	44688	45418	45472	45227	45637	45479	45439	45311	45203	45155	45474	45846	98.644
	2	46268	45402	45457	45155	46136	46019	45884	46310	44980	45826	46201	45910	99.586
	3	45571	45653	44878	45950	45559	45492	45003	45402	45063	45147	45535	45628	98.740
	4	45620	45382	45114	45772	44943	45642	45655	46068	45335	45584	45696	45915	99.074
	5	45743	45750	45702	46551	45572	45721	46398	45426	45733	45903	45450	45268	99.526
	6	45559	45622	45987	46281	45419	45677	45939	46100	45505	45485	45894	45996	99.571
	7	45424	45820	45913	45472	45971	45347	45830	45494	45812	45763	45568	45799	99.344
	8	45988	45501	45794	46341	45314	46317	46081	46024	46263	45630	45895	45700	99.821
	9	45776	45999	46024	46319	45773	45696	46746	45343	46265	45709	45764	46526	100.020
	10	46080	45899	46179	45925	45977	46792	46115	46170	46366	46299	46114	46139	100.403
	11	45683	45973	45837	45535	45960	46397	45654	46010	46048	45957	46524	45798	99.917
	12	45874	46387	46314	46108	46151	45856	45844	45799	46447	45590	45776	46425	100.134
	13	46405	46203	46415	46196	45948	45899	46332	45987	46461	46557	45968	46701	100.587
	14	46187	46060	46270	46251	45802	46446	46245	45952	46173	45941	46117	46180	100.325
	15	46361	46102	46133	46284	45811	45851	46291	45650	46369	45809	46324	45945	100.199
	16	45749	46215	45730	46282	45525	46125	45914	46723	45738	46438	45773	45704	100.015
	17	45724	45533	46185	45420	45690	45356	46197	46151	46046	45762	45625	45942	99.601
	18	45922	45807	45676	45817	45363	45669	45712	46114	45691	45434	45763	45753	99.436
	19	45548	46112	45724	45477	45755	45656	46059	45519	45735	46331	45073	46067	99.497
	20	45635	45323	45896	45721	45818	45908	44785	45573	46008	46146	45951	45845	99.416
	21	45688	45721	45292	46240	45325	45167	45298	45509	45593	46208	45677	45439	99.153
	22	45648	45668	45920	46504	45403	45424	45696	45809	45393	45179	45271	45829	99.259
	23	45438	45877	45829	45576	45751	45339	45041	46037	45346	46055	45785	45665	99.258
20	0	45821	45463	45333	45753	45277	44888	45557	45298	44824	45279	45384	45570	98.656
	1	45003	45677	45255	45111	44904	45373	45629	45076	45455	45822	45865	44923	98.598
	2	45857	45163	45180	45633	44968	45844	44633	45466	45630	45550	45634	46280	98.914
	3	45269	45401	44900	45317	45381	44744	45408	45405	46174	45482	45698	45984	98.792
	4	45036	45347	45380	45792	45559	45526	46149	45527	45492	46228	45792	45642	99.209
	5	45830	45746	46009	46374	46161	45894	45701	46109	45926	45782	46004	46251	99.992
	6	46187	45988	45974	45855	46377	46245	46275	45990	45836	46081	45601	46342	100.167
	7	46253	45899	45190	46200	46058	46047	45855	46589	46141	45807	45576	46013	99.963
	8	45905	46269	45767	46223	46633	46427	45717	45763	46392	45898	45704	46881	100.317
	9	45395	46077	45912	46015	45982	45827	46476	45820	46417	45711	45931	46106	99.971
	10	46133	45550	46533	46564	46231	45914	46152	46457	46779	45865	45786	46036	100.393
	11	46234	46286	45886	46545	45642	45634	45958	46576	46577	45712	46303	46610	100.386
	12	45865	45877	45988	45949	46763	46503	46160	46103	46212	45605	46351	46123	100.302
	13	46542	46217	46351	46016	45392	46387	46363	45621	46437	45940	46264	46027	100.312
	14	45425	46799	46348	46061	46269	46100	46006	46266	45641	45523	45845	45360	99.964
	15	45789	46223	46282	45726	45819	45526	46059	46095	46315	46098	46421	46002	100.095
	16	46336	45827	45314	45974	45361	45412	45485	45397	45623	45812	46295	45887	99.436
	17	46269	45712	45202	45847	45494	45124	45935	46090	45995	45412	45732	45645	99.389
	18	46125	45271	46133	45839	45355	45458	46191	45658	45343	45542	45635	45420	99.300
	19	45583	46274	45779	45476	45463	45364	45084	45194	45261	45655	45731	45385	98.988
	20	45666	45329	45524	45222	45512	45498	45590	45067	46025	45286	45108	45059	98.741
	21	45348	45711	45287	45301	44726	45447	45414	44939	45301	45535	45399	45523	98.568
	22	44906	45564	45577	45577	45371	45793	45197	45650	45194	45152	45199	45024	98.617
	23	45342	45653	45477	46479	44880	45094	45270	44861	45385	45168	44974	45143	98.531

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64		
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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	45434	45426	45323	45626	45574	45389	44155	45217	44736	45292	45661	45793	98.509	
	1	45160	45434	45168	45735	45865	45642	45764	45377	46237	45211	45762	45261	99.055	
	2	45578	45827	45295	45524	45099	45371	45658	45209	45684	45803	45193	45440	98.886	
	3	45489	45536	45895	45461	45012	45862	44676	45515	45270	45346	44903	45597	98.682	
	4	45474	45542	45406	45277	45183	45919	45385	45266	45559	45954	45690	45349	98.944	
	5	45060	45199	45753	45406	45286	45585	45499	46184	46430	45622	45807	45949	99.266	
	6	45588	45586	45117	45750	45723	45254	45378	45009	45235	45221	46000	46277	98.968	
	7	45981	45511	45793	45904	46185	45677	45525	45856	45662	46085	45512	45060	99.442	
	8	45350	45558	45341	45726	45845	45390	45653	46475	46286	45554	46007	46264	99.567	
	9	45632	46171	45527	46078	45558	45843	46065	45455	46139	45770	46340	46189	99.807	
	10	46012	45857	46162	46191	46468	45550	46166	46103	46176	45378	46055	46205	100.089	
	11	45589	46095	46111	45972	46053	46239	45649	45742	45969	45744	45605	45966	99.801	
	12	45796	45665	45538	46165	46013	45965	46086	45791	45083	45519	46013	45683	99.544	
	13	45878	45470	45810	45701	46102	45741	45515	45455	45624	45840	45639	45842	99.417	
	14	45642	45352	45569	45601	46076	46092	46050	45462	46029	45169	46189	45765	99.485	
	15	46189	46378	45583	45655	45346	45654	46184	45924	45355	46177	45762	46082	99.720	
	16	45152	45781	45322	46048	45560	45482	46274	45634	45706	45900	45555	46297	99.434	
	17	46250	45857	45237	46108	46300	45330	45728	45607	45543	45248	45223	45453	99.284	
	18	45581	45274	46034	46086	45923	45668	45632	45580	45465	45155	45066	45064	99.039	
	19	45688	45923	45327	45312	45520	45637	44933	45350	45482	44908	45636	44940	98.700	
	20	45746	45036	45362	45704	45525	44974	45800	44933	45404	45230	45469	45626	98.727	
	21	45484	45214	45752	45483	44365	45537	45358	45363	45325	45485	45159	45364	98.560	
	22	45482	45024	45373	45669	45723	45343	44889	45253	45130	44901	44865	45554	98.437	
	23	44939	45261	45518	45464	44919	45127	45641	45575	45481	45619	45381	45352	98.631	
22	0	45265	44595	45439	45110	45090	45186	45030	45573	45311	45532	45215	45375	98.345	
	1	44852	44844	45123	44991	45233	45304	45017	44984	45166	44662	45687	45829	98.162	
	2	45071	44634	45070	45096	45172	45540	44691	45165	44857	44903	45217	45434	98.010	
	3	45024	45342	45190	44771	45671	45663	45190	45396	45007	45703	45118	45600	98.522	
	4	45689	45337	44872	45495	45807	44973	45629	46090	45438	45896	45100	45886	98.981	
	5	45706	45681	45900	45764	45749	44976	45482	45505	45272	45633	45534	45648	99.097	
	6	45962	45881	45616	45140	45425	45572	45182	45489	45022	45778	46470	45814	99.188	
	7	44923	45873	45609	45935	45238	45029	45791	45601	45852	45406	45483	45815	99.044	
	8	45675	45347	45085	46059	45463	44884	44863	45443	45916	45261	46003	45360	98.827	
	9	45560	45759	45525	46262	46021	45766	45829	45328	45905	45597	45831	45769	99.514	
	10	45900	45967	45483	45668	46237	45754	45818	45571	45658	45215	45731	45835	99.457	
	11	45775	45425	46191	45731	46021	45481	46368	45871	45744	46397	46152	45537	99.794	
	12	45658	45834	45469	45503	46037	45251	45807	45641	46373	45911	45865	45720	99.499	
	13	45695	45408	45614	46024	45997	46296	45579	45271	46003	45806	45842	45886	99.563	
	14	46344	46159	46006	46275	46058	45884	45838	45499	45685	45850	45860	45751	99.887	
	15	45835	45970	46007	45775	46096	45552	45988	46200	46388	46318	44880	46084	99.866	
	16	45461	45786	44707	45672	46204	45102	46131	45465	45936	44833	45106	45308	98.891	
	17	44802	45331	45179	45808	45133	45239	45468	45768	45645	45338	45889	45485	98.777	
	18	45671	45568	45421	45258	45530	45310	44861	45047	45699	45701	45124	45011	98.617	
	19	45661	45257	45979	45832	46304	45250	45224	45760	45260	45366	45610	45528	99.130	
	20	45588	45421	45961	45427	45906	45001	45038	44806	45573	45078	45026	46237	98.773	
	21	45191	45280	45102	45490	45540	45756	45861	45275	45410	45503	45169	45006	98.686	
	22	45445	45091	45335	45381	45030	45213	45387	45311	44988	45637	44717	45214	98.354	
	23	46194	45531	45897	45491	45764	45249	46008	45071	45427	45934	45261	45857	99.248	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64		
		INAF/UNIRomaTre													
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	45151	45709	45519	45439	45578	45193	45734	45674	45506	45396	45671	45361	98.928	
	1	45145	46088	45354	45586	45266	45253	45730	45656	45437	46444	45329	45846	99.149	
	2	46520	45144	45867	45005	45641	45287	45513	45258	45349	45062	46338	45008	98.942	
	3	44888	44975	44944	45878	45460	45522	45427	45873	44767	45390	44814	45467	98.473	
	4	45766	45536	44895	45812	45404	45223	45798	45583	45485	44913	46345	45327	98.959	
	5	45958	46344	45665	45547	45831	45019	45176	45809	44809	45271	45385	45248	98.955	
	6	45391	46536	45200	45427	44860	45704	45363	46349	45649	46125	45910	45142	99.243	
	7	45950	45340	45646	46029	45601	45410	45854	45588	45520	45826	45912	45753	99.383	
	8	46032	45131	45810	45520	45057	45796	45995	45655	46165	46468	46546	45453	99.600	
	9	46153	46206	45788	45848	46367	46309	45674	45700	45479	45672	45464	45488	99.694	
	10	45154	45613	46031	46252	46362	46004	46215	45974	45797	46008	45831	46014	99.895	
	11	46125	46003	45548	46114	46203	45479	45924	45798	45703	45858	45680	45547	99.664	
	12	45843	46014	45730	46443	46356	46741	46049	45530	46190	46140	45550	45624	100.068	
	13	45768	45673	45730	45688	45852	45475	45356	45723	46197	45423	46176	45841	99.469	
	14	45477	45918	45915	45054	46104	45857	45906	45658	45659	45747	45821	45950	99.498	
	15	45455	45924	46050	45802	45835	45802	46089	46135	45549	45534	46130	45879	99.701	
	16	45421	45523	45301	45519	46027	46095	46166	45421	45856	45846	45987	45851	99.489	
	17	45941	46159	45519	45575	45934	46168	45547	45063	45797	45761	45723	46240	99.564	
	18	45375	44908	45668	45870	45011	45150	46285	45704	45307	45069	45244	45380	98.756	
	19	45790	45168	45865	45761	45706	45911	45768	45667	45516	45265	45964	45645	99.310	
	20	46316	44600	44987	45425	45378	45513	45165	45103	45532	44867	45834	45091	98.546	
	21	45828	44829	45567	45137	45093	45495	45487	44805	45543	45209	45609	45477	98.595	
	22	45673	45133	45204	45962	45258	45578	45324	46045	45544	45013	45877	45544	98.971	
	23	45331	45720	44994	45961	45074	45736	44994	45465	44764	45630	45095	45753	98.674	
24	0	45887	44874	45756	45727	45153	45602	46066	46110	45640	45566	45786	45609	99.260	
	1	45312	45488	44899	45270	45216	45497	45713	46265	45141	45473	44982	45153	98.654	
	2	45690	45638	46102	45255	45261	45306	46146	45355	45831	45333	45337	45345	99.051	
	3	45432	45731	45877	45650	45490	45043	45145	45635	45787	45517	45865	45170	99.005	
	4	45398	44707	44981	46032	45522	45718	45253	45209	46232	45874	45928	45499	99.007	
	5	45952	46015	45748	45697	45838	45310	46117	46090	46238	46399	45683	45732	99.816	
	6	45805	45741	45562	45645	45548	45958	45802	45405	45389	45522	45751	45990	99.327	
	7	45383	45560	45686	45660	46020	45648	45419	45549	45677	46034	45582	45674	99.286	
	8	45999	45360	46319	45630	45745	46056	45367	45614	45645	46414	45986	45390	99.582	
	9	45839	45338	45571	45393	45996	45595	45894	46204	46165	46211	45558	45589	99.550	
	10	46228	46955	45988	45954	45694	45593	46215	45287	45425	46158	46024	45380	99.831	
	11	46043	46384	45540	46298	46203	45687	46467	45829	45679	45955	45486	46145	99.978	
	12	45766	46061	45647	46608	46187	46040	45922	46190	46232	45549	46072	46303	100.135	
	13	45677	46594	45972	46044	45770	45966	45516	45955	45193	45591	45699	46692	99.789	
	14	45364	45371	45544	45058	45854	45261	45920	45462	45805	46485	45656	46072	99.279	
	15	45729	45659	46059	45826	45183	45977	45705	45927	45067	45982	45258	45861	99.348	
	16	46716	45336	46030	45795	45142	46255	45842	45399	45669	45499	46043	46113	99.639	
	17	46008	45461	45263	46312	45741	45288	45387	45652	45421	45028	46096	45562	99.164	
	18	45651	45615	45579	46042	45178	45318	45177	45580	45287	46008	45687	45385	99.035	
	19	44539	44695	45597	45254	45119	45750	45391	45247	45507	45750	44839	45127	98.365	
	20	45109	46288	45444	45428	45842	45247	45487	45069	45920	45420	45416	45654	99.002	
	21	45914	45586	45058	45968	45405	45951	46130	45763	45178	45609	44550	45585	99.069	
	22	44866	45477	45506	44943	45529	45855	45590	45492	45646	45767	45427	45396	98.851	
	23	45001	45630	45535	45472	45175	45602	45473	45223	45280	45139	45304	45147	98.577	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64		
		INAF/UNIRomaTre													
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	45061	45392	45263	45450	45946	45398	45731	45496	45462	45549	45675	45395	98.906	
	1	45572	45605	45241	45703	45301	45317	45491	45257	45601	45380	45265	45995	98.894	
	2	46198	45189	45534	45856	45883	45066	44486	45528	45367	45582	45377	44892	98.754	
	3	45493	45802	45653	45167	46055	45361	45088	45952	45378	45702	45950	45725	99.183	
	4	45709	45842	45730	45941	46179	45857	45608	45498	46313	45701	46247	46284	99.832	
	5	45935	45301	45821	45277	45708	46029	45861	46409	45573	45684	45696	45452	99.440	
	6	45909	46124	45711	46137	45101	45590	45838	45888	45573	45520	45934	45202	99.401	
	7	46003	45521	45359	45338	45641	45680	45906	45955	45725	46152	45515	46061	99.461	
	8	45511	45333	46421	45600	45782	45418	45218	45433	45659	45670	45784	45203	99.130	
	9	45716	45552	46712	45601	46109	45361	45749	45769	45769	46247	45380	45738	99.614	
	10	46403	45348	46265	45905	45820	46188	45960	45486	46222	45465	46151	45934	99.876	
	11	46028	46121	46161	46090	46002	45977	45412	45733	46349	45835	45980	45457	99.875	
	12	45511	46066	46402	45879	45989	45699	46167	45895	46263	45969	45449	46466	99.986	
	13	45688	45793	45769	45685	46101	46179	46563	45954	45863	45267	46354	46130	99.912	
	14	46016	46164	46252	45763	46223	46143	46268	45875	46162	45990	45935	46495	100.263	
	15	45548	45600	46130	44845	45727	45638	46582	45837	45654	45540	45141	46253	99.395	
	16	45565	46170	46001	45897	46301	46062	46261	45845	45974	45311	46059	45947	99.920	
	17	46080	46435	45513	45596	45406	45455	45262	45890	45871	45942	45655	46197	99.541	
	18	45985	45758	45513	46062	45660	45251	45754	45506	45396	45867	45822	45692	99.353	
	19	45225	44877	45975	45533	45823	45389	45633	45196	45379	45222	46241	44912	98.835	
	20	46180	45664	45493	45637	45636	45589	45511	45546	45646	45356	46043	45728	99.311	
	21	46024	46112	45377	45693	46173	46276	45941	45386	45717	45545	46218	45424	99.647	
	22	45546	46111	45425	45741	45248	45434	45775	46109	45686	45743	46033	45391	99.349	
	23	45198	46113	45888	45607	45735	45712	46466	45436	45780	45179	45828	45896	99.457	
26	0	46289	46426	45133	45274	45864	46854	45458	45753	45157	45969	45178	46001	99.550	
	1	46001	45550	46046	45817	46171	45330	46134	45402	45872	45918	45533	45758	99.583	
	2	46106	46378	45681	45727	45844	45992	45698	45617	46011	46144	45887	46071	99.877	
	3	45027	46143	46446	45449	45738	45945	46004	45929	45657	46033	46044	46208	99.781	
	4	46297	46247	46523	45972	45796	45739	46504	46065	45440	46104	46119	45517	100.089	
	5	45996	45834	46084	46001	45460	45568	46976	45342	45749	46142	45928	45606	99.793	
	6	46343	46008	45688	45796	45955	46219	45715	45742	45837	45738	46294	45810	99.875	
	7	46565	45804	45984	45825	45343	45765	46019	46487	46178	46343	45436	45513	99.896	
	8	45793	46148	46860	46195	46951	45686	46385	45923	45861	45892	45339	46423	100.294	
	9	46133	46043	46376	45803	46098	45557	46144	46194	45917	46219	46506	45923	100.196	
	10	45955	46175	46140	45803	45628	46690	46080	46180	46516	46258	45839	46390	100.330	
	11	45689	47221	46025	46887	46178	46362	45859	45113	46262	45585	46397	46152	100.344	
	12	45956	46089	45972	46042	46395	45735	45552	45418	46037	45846	46661	45861	99.952	
	13	46136	46327	46492	45990	46243	45893	46184	46408	46623	46253	46163	45635	100.455	
	14	46181	45833	46506	46765	45859	46186	45821	45700	45464	46033	45909	46407	100.150	
	15	45493	46434	46703	46092	46082	46685	46679	45944	45491	46407	45772	46731	100.485	
	16	46425	45916	46000	46051	46461	45729	45682	46302	45586	45785	46038	45282	99.897	
	17	46035	45597	46119	46103	45428	45713	45653	46172	45381	45994	45968	46123	99.720	
	18	45753	46492	46004	46052	46134	46926	45889	45867	45750	46111	45977	45620	100.135	
	19	46031	45545	45101	45467	46012	45849	45646	45854	45943	45142	45512	46281	99.374	
	20	45623	46023	45690	44974	45782	46031	46383	46150	45542	45810	45907	46206	99.690	
	21	45234	45512	46268	46550	46731	45758	46133	45777	44870	45406	46205	45407	99.641	
	22	46015	45911	45879	45421	46149	46096	45898	45713	45544	46135	45650	45528	99.657	
	23	45865	45855	45963	45796	46369	46322	45614	46961	45328	46234	45456	45881	99.966	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64	
	INAF/UNIRomaTre													
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	45908	45490	46110	46109	45393	45871	45500	45494	45531	45727	45996	45815	99.478
	1	45827	45240	45364	46328	45480	45878	46415	46214	46016	45772	46413	46527	99.935
	2	45840	44768	45323	45978	45467	46231	45544	45985	45350	45535	46434	45173	99.238
	3	46397	45590	45734	45752	45415	45858	46371	46135	45737	45612	45654	45546	99.632
	4	45242	45999	45445	45743	46048	46445	45682	46396	46432	45624	46195	46480	99.982
	5	45893	46073	45873	45891	47073	45715	45820	46405	45799	45616	46189	45423	99.989
	6	46440	46111	46250	46256	45670	46333	45312	45970	46094	45924	45812	46278	100.112
	7	46035	46294	46029	46166	46283	46192	46760	46297	46328	45646	45978	46033	100.400
	8	45953	46139	46302	46554	46401	46385	46935	46180	46699	46557	46113	46273	100.844
	9	45959	46374	46096	46025	45908	46511	46323	47175	45982	46164	46476	46506	100.664
	10	46683	46298	46152	46434	46882	46315	47072	45968	46996	46392	46044	47045	101.169
	11	45770	46153	46468	46586	46503	46036	46142	46141	46227	46238	46764	46767	100.718
	12	46335	46424	46195	45625	46110	47030	46322	46702	46066	46840	46093	46476	100.795
	13	46109	46350	46432	46440	46026	46016	46531	46279	46664	46359	45570	46826	100.683
	14	45958	45691	45797	46230	46474	46322	46133	45994	46127	45814	46436	46036	100.214
	15	46491	46432	45535	45799	45798	45989	45576	45937	45928	45221	46731	45913	99.912
	16	46371	46768	45983	45464	46381	45990	46368	46057	46474	46440	45837	45655	100.354
	17	45801	46399	46150	46196	45641	45953	45549	45847	46263	45706	45645	46418	99.952
	18	46321	45754	46123	45471	45691	46364	46018	45662	45729	46413	45856	45602	99.850
	19	45722	46544	45719	46022	45877	45907	45790	46230	45660	45669	46058	45559	99.805
	20	46017	45167	45827	46317	45912	45677	45983	46187	46075	46402	45798	46214	99.953
	21	46934	45742	46137	46498	46237	45908	46301	45938	46027	45416	45938	45196	100.079
	22	45679	46147	45542	46023	46249	45684	45408	45751	45464	45793	46041	45142	99.473
	23	46395	45275	45483	45551	45456	45780	45559	45415	46293	46359	45756	45748	99.499
28	0	45828	45847	45061	45752	45572	45996	45686	45435	45290	46632	45543	45750	99.375
	1	45247	45972	45664	46166	45527	46041	45500	45111	46067	45391	45526	45741	99.297
	2	45768	45553	45237	46116	45567	45259	45897	46027	45788	45606	45744	46015	99.410
	3	45732	45476	45905	45859	46321	45974	45982	45370	46176	45881	45707	45791	99.700
	4	45885	45723	45618	45691	46030	46208	45936	46134	46052	45984	45619	45616	99.758
	5	46178	46151	46014	45953	46035	45150	45907	45871	45744	45623	45784	45543	99.660
	6	45713	45750	46025	45490	46035	45778	46155	46399	46093	45900	45864	46117	99.907
	7	46175	45718	45532	45911	46025	46290	46561	45989	45779	46217	46166	45540	100.013
	8	45631	45734	46252	45855	46290	46028	46215	46396	46633	45335	45773	45812	100.022
	9	46240	46457	46250	46074	46083	46608	46561	46273	46231	46566	46828	46423	100.863
	10	46761	46499	45474	46023	45813	46623	46234	46220	46532	45933	46596	46442	100.601
	11	46338	47082	46171	46299	46414	45955	46089	46098	46309	46010	45273	46821	100.548
	12	45637	46512	45756	46749	46057	45765	46001	46353	46280	45658	46103	46932	100.357
	13	46293	45517	45979	46153	45562	46036	46080	46167	45807	45856	45723	45591	99.806
	14	46204	46041	46203	46024	46425	46000	46091	46586	45965	46229	46765	46544	100.588
	15	46100	45538	45391	45698	45375	45476	45861	46381	45748	45803	46017	46091	99.574
	16	46162	46742	46398	45988	46052	46156	45811	46334	45727	46324	46098	45593	100.281
	17	46228	46071	46065	46460	46424	46535	46600	46067	45826	46261	46069	46339	100.564
	18	46382	46487	45822	46637	46634	45982	45984	45587	46168	45977	46394	46006	100.404
	19	46621	46509	45917	46083	46803	45776	46292	45808	45701	46132	45847	46466	100.385
	20	46300	45656	45963	46274	45954	45964	46102	46358	45475	45484	46534	45807	100.007
	21	46131	46131	46226	46242	45277	46013	46204	45580	45951	45368	45742	46192	99.859
	22	45553	45894	45601	46301	46039	45924	45372	45737	46170	45430	45753	45939	99.616
	23	45638	46065	45141	45982	45546	45983	45629	45966	45013	45701	45943	46224	99.456

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64		
		INAF/UNIRomaTre													
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	46235	45849	45933	45596	46614	45935	46036	45934	45064	45887	45167	45854	99.682	
	1	45141	46091	45938	45350	46076	45720	46096	45941	45841	46001	46185	45528	99.651	
	2	45796	45803	46116	46444	46178	45964	45823	45470	45702	45400	45489	45838	99.672	
	3	45352	45311	46560	45244	45862	46278	45700	46024	46216	46510	45299	45877	99.710	
	4	46106	45851	46224	45712	45524	46094	46195	46060	46100	45636	46799	45485	99.992	
	5	46184	45962	45599	45894	45801	46153	46430	45717	45448	45683	46438	46118	99.926	
	6	45739	45714	45644	45928	46725	46080	45673	45682	45703	45915	45356	45977	99.693	
	7	46012	45747	46092	45615	45742	46150	46097	46219	45997	46255	46099	46188	100.069	
	8	46131	46628	46281	46252	46018	45592	46168	46197	46319	45855	45656	46184	100.262	
	9	46029	46072	45754	46001	46288	46065	46192	45940	45486	45780	46232	46053	100.011	
	10	45733	45891	46698	46483	46551	46209	45882	45807	45803	45972	46364	46615	100.394	
	11	46199	46170	46056	46500	46785	46219	45679	46039	46390	46014	45877	46012	100.382	
	12	45434	46188	46374	46342	45831	46356	45689	46427	46436	46184	46134	46456	100.366	
	13	46418	46263	46110	46543	46437	45997	46949	46302	45946	46674	46107	45983	100.706	
	14	46498	46320	46174	46072	47121	45820	45432	46211	46354	46208	45915	46200	100.451	
	15	46004	46428	45828	45769	46297	46492	45690	46417	45830	46312	46045	46546	100.331	
	16	45864	45971	45847	45891	45884	45967	45888	46129	45573	46798	45468	46334	99.961	
	17	45884	46345	45820	45765	46124	46124	45922	45618	45704	46195	46186	46149	100.001	
	18	46541	46219	45775	46158	45694	46172	45802	46128	45486	46086	46017	45621	99.976	
	19	46250	45846	45373	46464	45802	45831	45731	45346	45169	45455	46179	45927	99.554	
	20	45714	45583	45427	45682	45881	45330	45584	46100	45514	45231	45374	46154	99.228	
	21	46037	45505	44810	45243	45874	45857	44837	45930	45818	46107	45950	45566	99.221	
	22	45526	45861	46011	46227	45887	45904	45643	46016	46366	45437	44712	45784	99.554	
	23	45786	45361	46784	45331	46020	45010	45834	45837	45676	46280	45632	45628	99.519	
30	0	45104	44995	45716	45908	45514	45534	46694	46122	45421	46304	45402	46307	99.489	
	1	45473	45634	45886	45954	45974	45444	46372	45892	45786	45465	45651	45733	99.534	
	2	45750	45479	45678	45512	46394	45672	45522	46474	45392	45653	45847	45512	99.466	
	3	46331	46070	46006	45831	45455	45288	45616	45176	45847	45485	45309	45892	99.361	
	4	45558	45703	45521	45849	46299	45441	45586	45875	45481	45803	45392	45687	99.341	
	5	45952	45667	45990	46079	45708	46201	45740	46071	45978	46432	46291	45614	99.980	
	6	45722	45830	45554	46481	45477	45920	46518	46253	45852	46060	45421	45689	99.808	
	7	46168	45338	45467	46409	45684	45909	46159	45828	45996	46138	45669	45983	99.803	
	8	45917	45769	45596	46284	46329	46268	45983	46069	45709	46589	46080	46277	100.188	
	9	45270	45821	45388	45677	46010	45273	46118	45956	46223	46088	46180	46408	99.742	
	10	45175	46284	45995	46210	46057	46839	46223	46325	45680	46089	45803	45878	100.131	
	11	45253	46142	46012	46133	46326	44953	45384	46119	45623	45998	46241	45872	99.678	
	12	46534	46375	46291	45851	46120	45758	46136	45190	46351	45897	45959	45682	100.056	
	13	46292	46617	45592	46297	45850	46209	45517	45466	45745	45587	45352	45604	99.692	
	14	45930	46014	45532	45201	45445	45719	45723	44956	45667	45819	45457	46148	99.235	
	15	45417	45763	45714	45660	45891	45776	45431	45345	45749	45747	45645	45610	99.260	
	16	45408	45380	44933	45865	45670	45931	46175	45416	45878	45739	45324	45713	99.202	
	17	45389	45835	45690	45674	45993	45514	45259	45505	45756	45098	45809	45597	99.146	
	18	45473	45625	45433	45409	45683	45866	44886	45816	45059	45159	45756	45369	98.858	
	19	45262	45895	45642	45400	45804	45861	45805	45298	44986	45794	45733	45018	99.033	
	20	45580	45266	45401	45278	45245	45330	45205	45921	45717	45369	45312	45188	98.728	
	21	45391	45549	45371	45500	45622	46001	45343	45576	45259	45108	44667	45858	98.806	
	22	45288	45601	45004	45303	45138	45708	45222	45095	45163	45543	44969	44897	98.387	
	23	45101	45091	45332	44957	45117	45339	45306	44846	44715	45016	45034	44493	97.918	

		S.V.I.R.CO. Observatory - Pressure Corrected Data – May 2012											20 NM-64	
		INAF/UNIRomaTre												
day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	h-norm
31	0	45228	46118	45465	44897	44935	44987	44806	45267	44910	45005	44953	45068	98.145
	1	44653	45007	44960	45333	45050	44948	45322	45345	45485	45458	45914	45610	98.415
	2	45518	44816	45080	45210	45183	44931	45129	45281	44801	45079	44555	44654	97.899
	3	45276	45134	45254	45262	45547	44799	45537	44944	45291	44592	45010	45313	98.211
	4	44477	44945	44403	44775	45293	44592	44995	45357	44628	45131	44691	45081	97.560
	5	45138	44915	45396	45680	44323	44604	44262	44847	44677	44345	44932	45524	97.610
	6	44760	44572	45186	45240	44787	45078	45330	45321	44334	44817	44862	45761	97.864
	7	44685	45101	45394	44361	45019	44357	45288	45635	45583	44881	44656	45014	97.851
	8	45912	45430	44874	45231	44357	45099	45030	44991	45557	44665	44849	44883	98.015
	9	45545	44804	45446	45305	45414	44888	45805	45598	45174	45705	45121	44804	98.510
	10	45374	45456	46125	45596	45340	45160	45000	44943	45275	45042	45475	45739	98.675
	11	45298	45235	44924	45188	45224	45499	44888	45422	45367	45170	45065	45749	98.405
	12	46178	45509	45229	45026	45557	44944	45426	45702	44865	44972	45133	45231	98.539
	13	45376	45717	44782	44996	44956	45601	44943	45224	44823	45855	44437	44798	98.129
	14	45035	45301	44962	45121	45559	44876	45137	44867	45251	45239	44853	45176	98.106
	15	45487	44913	44443	45296	45075	44870	44555	44800	44899	45629	44764	44348	97.689
	16	44814	44482	44687	44487	45034	45180	45103	44881	45238	45415	44937	45167	97.751
	17	45464	44228	44822	45005	45408	45159	45072	44536	44560	44491	45076	44676	97.583
	18	45049	45694	45254	45340	45089	44353	45562	45212	45077	44577	45448	44998	98.155
	19	45102	45363	44977	45184	44754	45196	45387	44566	44403	45175	45080	45564	97.992
	20	45018	44813	44450	44393	45260	44874	44962	45109	44342	45251	44568	45176	97.533
	21	45466	45115	44886	44738	44605	44668	44913	45303	44494	45124	45071	45018	97.747
	22	44705	45001	45311	45431	45224	45196	44599	45129	45302	44562	44893	45510	98.013
	23	45748	45530	44653	44857	45221	44762	44485	45274	44313	44867	45003	45009	97.805

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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	1014.63	1014.57	1014.49	1014.51	1014.54	1014.53	1014.48	1014.38	1014.39	1014.53	1014.66	1014.78	1014.53
	1	1014.90	1014.88	1014.80	1014.85	1014.86	1014.80	1014.72	1014.66	1014.59	1014.52	1014.45	1014.34	1014.70
	2	1014.36	1014.44	1014.49	1014.59	1014.59	1014.44	1014.37	1014.31	1014.19	1014.15	1014.22	1014.28	1014.37
	3	1014.37	1014.39	1014.34	1014.36	1014.35	1014.27	1014.25	1014.21	1014.08	1014.02	1014.05	1014.03	1014.23
	4	1013.92	1013.82	1013.79	1013.80	1013.73	1013.67	1013.64	1013.64	1013.73	1013.80	1013.81	1013.81	1013.76
	5	1013.81	1013.81	1013.78	1013.77	1013.80	1013.81	1013.79	1013.81	1013.84	1013.88	1013.89	1013.88	1013.82
	6	1013.87	1013.88	1013.88	1013.83	1013.81	1013.83	1013.87	1013.89	1013.85	1013.78	1013.72	1013.68	1013.82
	7	1013.68	1013.68	1013.64	1013.58	1013.55	1013.50	1013.46	1013.42	1013.40	1013.41	1013.44	1013.47	1013.52
	8	1013.48	1013.45	1013.41	1013.34	1013.28	1013.26	1013.26	1013.28	1013.30	1013.30	1013.32	1013.33	1013.33
	9	1013.33	1013.29	1013.26	1013.26	1013.24	1013.24	1013.30	1013.32	1013.36	1013.37	1013.35	1013.39	1013.31
	10	1013.49	1013.67	1013.88	1013.99	1014.04	1014.06	1013.98	1013.92	1014.01	1014.22	1014.49	1014.69	1014.04
	11	1014.74	1014.68	1014.77	1015.02	1015.10	1015.19	1015.41	1015.46	1015.42	1015.34	1015.19	1015.03	1015.11
	12	1014.96	1015.08	1015.28	1015.55	1015.73	1015.58	1015.50	1015.43	1015.26	1015.29	1015.41	1015.49	1015.38
	13	1015.47	1015.29	1015.14	1015.14	1015.06	1014.93	1014.83	1014.82	1014.87	1014.84	1014.80	1014.78	1015.00
	14	1014.77	1014.67	1014.61	1014.54	1014.41	1014.32	1014.22	1014.18	1014.14	1014.07	1014.08	1014.11	1014.34
	15	1014.09	1014.08	1014.03	1014.03	1014.06	1014.00	1013.94	1013.96	1013.94	1013.90	1013.94	1013.96	1013.99
	16	1013.96	1013.97	1013.94	1013.90	1013.88	1013.91	1013.98	1014.02	1013.89	1013.92	1014.11	1014.18	1013.97
	17	1014.17	1014.20	1014.26	1014.29	1014.36	1014.31	1014.28	1014.33	1014.38	1014.42	1014.43	1014.45	1014.32
	18	1014.49	1014.50	1014.54	1014.59	1014.61	1014.63	1014.66	1014.69	1014.73	1014.78	1014.80	1014.81	1014.65
	19	1014.84	1014.89	1014.98	1015.04	1015.09	1015.17	1015.22	1015.23	1015.26	1015.33	1015.38	1015.37	1015.15
	20	1015.35	1015.35	1015.40	1015.44	1015.42	1015.41	1015.42	1015.46	1015.51	1015.54	1015.56	1015.58	1015.45
	21	1015.59	1015.63	1015.66	1015.66	1015.64	1015.65	1015.70	1015.76	1015.82	1015.87	1015.90	1015.92	1015.73
	22	1015.93	1015.90	1015.89	1015.92	1015.94	1015.95	1015.95	1015.96	1016.00	1016.04	1016.08	1016.10	1015.97
	23	1016.11	1016.12	1016.12	1016.11	1016.05	1015.97	1015.93	1015.92	1015.92	1015.92	1015.91	1015.89	1015.99
2	0	1015.92	1015.93	1015.92	1015.90	1015.89	1015.89	1015.85	1015.82	1015.82	1015.83	1015.84	1015.84	1015.87
	1	1015.83	1015.81	1015.79	1015.80	1015.83	1015.84	1015.83	1015.83	1015.82	1015.80	1015.77	1015.72	1015.80
	2	1015.68	1015.63	1015.58	1015.58	1015.61	1015.64	1015.64	1015.65	1015.66	1015.67	1015.73	1015.78	1015.65
	3	1015.81	1015.83	1015.83	1015.81	1015.79	1015.80	1015.83	1015.82	1015.79	1015.79	1015.79	1015.81	1015.81
	4	1015.86	1015.92	1015.93	1015.90	1015.90	1015.94	1015.95	1015.90	1015.89	1015.97	1016.02	1016.04	1015.93
	5	1016.07	1016.08	1016.12	1016.17	1016.17	1016.14	1016.10	1016.12	1016.18	1016.22	1016.24	1016.23	1016.15
	6	1016.18	1016.15	1016.14	1016.13	1016.12	1016.11	1016.11	1016.09	1016.08	1016.10	1016.10	1016.06	1016.11
	7	1016.02	1016.01	1016.01	1016.03	1016.05	1016.07	1016.02	1015.92	1015.86	1015.85	1015.87	1015.93	1015.97
	8	1015.99	1016.01	1016.00	1015.96	1015.93	1015.90	1015.84	1015.83	1015.83	1015.83	1015.81	1015.76	1015.89
	9	1015.73	1015.70	1015.65	1015.61	1015.55	1015.44	1015.37	1015.37	1015.37	1015.38	1015.35	1015.29	1015.48
	10	1015.26	1015.25	1015.24	1015.20	1015.14	1015.09	1015.07	1015.04	1014.96	1014.93	1014.96	1014.98	1015.09
	11	1015.02	1015.08	1015.07	1015.05	1015.07	1015.07	1015.06	1015.04	1015.01	1015.01	1015.01	1015.02	1015.04
	12	1015.02	1014.99	1014.95	1014.95	1014.98	1014.98	1014.98	1014.97	1014.93	1014.88	1014.84	1014.76	1014.93
	13	1014.64	1014.55	1014.46	1014.39	1014.38	1014.37	1014.36	1014.37	1014.35	1014.30	1014.23	1014.17	1014.38
	14	1014.13	1014.13	1014.10	1014.05	1014.04	1014.01	1013.95	1013.90	1013.86	1013.86	1013.87	1013.86	1013.98
	15	1013.83	1013.80	1013.81	1013.85	1013.86	1013.82	1013.79	1013.77	1013.74	1013.70	1013.66	1013.66	1013.77
	16	1013.64	1013.60	1013.55	1013.48	1013.42	1013.38	1013.37	1013.36	1013.33	1013.30	1013.26	1013.25	1013.41
	17	1013.23	1013.18	1013.16	1013.17	1013.21	1013.26	1013.31	1013.34	1013.34	1013.33	1013.35	1013.35	1013.27
	18	1013.34	1013.34	1013.34	1013.37	1013.41	1013.42	1013.43	1013.42	1013.42	1013.46	1013.50	1013.53	1013.41
	19	1013.56	1013.60	1013.65	1013.71	1013.77	1013.82	1013.84	1013.86	1013.87	1013.87	1013.88	1013.88	1013.77
	20	1013.88	1013.86	1013.82	1013.81	1013.83	1013.85	1013.83	1013.77	1013.71	1013.70	1013.69	1013.66	1013.78
	21	1013.59	1013.54	1013.51	1013.44	1013.41	1013.40	1013.38	1013.40	1013.44	1013.43	1013.41	1013.41	1013.44
	22	1013.42	1013.40	1013.35	1013.33	1013.35	1013.38	1013.36	1013.31	1013.24	1013.19	1013.15	1013.09	1013.29
	23	1013.03	1012.99	1012.96	1012.93	1012.92	1012.91	1012.89	1012.85	1012.81	1012.74	1012.66	1012.63	1012.86

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
3	0	1012.59	1012.61	1012.63	1012.67	1012.70	1012.71	1012.69	1012.65	1012.60	1012.56	1012.57	1012.60	1012.63
	1	1012.61	1012.59	1012.58	1012.63	1012.65	1012.63	1012.63	1012.60	1012.53	1012.46	1012.44	1012.46	1012.56
	2	1012.44	1012.38	1012.35	1012.32	1012.28	1012.26	1012.26	1012.24	1012.23	1012.23	1012.20	1012.16	1012.28
	3	1012.15	1012.10	1012.05	1012.03	1012.02	1012.05	1012.12	1012.17	1012.17	1012.17	1012.19	1012.21	1012.12
	4	1012.25	1012.25	1012.23	1012.25	1012.31	1012.36	1012.40	1012.47	1012.51	1012.54	1012.57	1012.61	1012.39
	5	1012.67	1012.71	1012.73	1012.78	1012.84	1012.88	1012.90	1012.93	1012.97	1012.99	1013.00	1013.02	1012.87
	6	1013.08	1013.11	1013.08	1013.06	1013.06	1013.06	1013.10	1013.12	1013.13	1013.15	1013.14	1013.12	1013.10
	7	1013.09	1013.02	1012.98	1012.96	1012.94	1012.94	1012.97	1012.97	1012.93	1012.91	1012.92	1012.94	1012.96
	8	1012.94	1012.94	1012.93	1012.90	1012.90	1012.91	1012.89	1012.83	1012.77	1012.73	1012.68	1012.63	1012.83
	9	1012.58	1012.53	1012.49	1012.43	1012.34	1012.25	1012.17	1012.10	1012.04	1012.00	1011.96	1011.91	1012.23
	10	1011.87	1011.84	1011.78	1011.71	1011.66	1011.61	1011.59	1011.59	1011.57	1011.52	1011.45	1011.34	1011.63
	11	1011.29	1011.27	1011.24	1011.23	1011.18	1011.15	1011.15	1011.11	1011.08	1011.03	1010.96	1010.91	1011.13
	12	1010.84	1010.80	1010.79	1010.76	1010.74	1010.74	1010.74	1010.73	1010.71	1010.68	1010.65	1010.63	1010.73
	13	1010.61	1010.59	1010.58	1010.55	1010.48	1010.40	1010.40	1010.40	1010.35	1010.31	1010.30	1010.26	1010.43
	14	1010.24	1010.25	1010.25	1010.25	1010.24	1010.24	1010.22	1010.26	1010.30	1010.32	1010.31	1010.27	1010.26
	15	1010.24	1010.22	1010.22	1010.22	1010.21	1010.22	1010.24	1010.25	1010.21	1010.20	1010.21	1010.16	1010.21
	16	1010.13	1010.11	1010.05	1010.06	1010.09	1010.06	1010.03	1010.02	1009.99	1009.93	1009.90	1009.90	1010.02
	17	1009.90	1009.92	1009.95	1010.01	1010.05	1010.09	1010.13	1010.15	1010.15	1010.15	1010.16	1010.18	1010.07
	18	1010.20	1010.20	1010.23	1010.26	1010.31	1010.35	1010.40	1010.46	1010.49	1010.51	1010.55	1010.58	1010.38
	19	1010.61	1010.64	1010.64	1010.63	1010.63	1010.66	1010.73	1010.79	1010.83	1010.84	1010.84	1010.87	1010.72
	20	1010.91	1010.93	1010.97	1010.99	1011.04	1011.09	1011.10	1011.08	1011.08	1011.09	1011.07	1011.06	1011.03
	21	1011.07	1011.05	1011.03	1011.03	1011.03	1011.04	1011.06	1011.07	1011.08	1011.10	1011.10	1011.10	1011.06
	22	1011.10	1011.10	1011.13	1011.17	1011.21	1011.26	1011.26	1011.22	1011.15	1011.10	1011.09	1011.07	1011.15
	23	1011.01	1010.93	1010.90	1010.90	1010.84	1010.76	1010.70	1010.69	1010.66	1010.59	1010.53	1010.52	1010.75
4	0	1010.48	1010.48	1010.50	1010.54	1010.56	1010.57	1010.60	1010.64	1010.67	1010.69	1010.70	1010.73	1010.60
	1	1010.75	1010.76	1010.77	1010.81	1010.84	1010.85	1010.84	1010.85	1010.90	1010.91	1010.87	1010.86	1010.83
	2	1010.89	1010.92	1010.93	1010.90	1010.87	1010.88	1010.90	1010.92	1010.95	1010.92	1010.91	1010.93	1010.91
	3	1010.94	1010.96	1010.97	1010.98	1010.97	1010.95	1010.93	1010.89	1010.88	1010.91	1010.94	1010.95	1010.94
	4	1010.94	1010.93	1010.93	1010.94	1010.94	1010.92	1010.91	1010.96	1011.02	1011.05	1011.04	1011.04	1010.97
	5	1011.07	1011.13	1011.15	1011.14	1011.17	1011.21	1011.22	1011.19	1011.18	1011.22	1011.26	1011.27	1011.18
	6	1011.22	1011.19	1011.18	1011.17	1011.19	1011.22	1011.29	1011.32	1011.32	1011.31	1011.29	1011.29	1011.25
	7	1011.33	1011.38	1011.40	1011.39	1011.38	1011.36	1011.36	1011.35	1011.33	1011.33	1011.34	1011.35	1011.36
	8	1011.32	1011.30	1011.29	1011.29	1011.27	1011.26	1011.26	1011.26	1011.26	1011.26	1011.27	1011.27	1011.27
	9	1011.30	1011.32	1011.28	1011.26	1011.27	1011.28	1011.25	1011.21	1011.19	1011.16	1011.12	1011.08	1011.22
	10	1011.06	1011.03	1010.98	1010.95	1010.92	1010.89	1010.85	1010.86	1010.89	1010.87	1010.85	1010.85	1010.91
	11	1010.85	1010.86	1010.87	1010.86	1010.87	1010.89	1010.91	1010.95	1010.99	1010.96	1010.97	1011.00	1010.91
	12	1010.99	1010.97	1010.94	1010.92	1010.97	1011.01	1010.98	1010.93	1010.91	1010.88	1010.85	1010.84	1010.93
	13	1010.89	1010.89	1010.85	1010.83	1010.82	1010.78	1010.74	1010.73	1010.67	1010.66	1010.68	1010.65	1010.76
	14	1010.61	1010.56	1010.56	1010.56	1010.56	1010.57	1010.56	1010.54	1010.56	1010.59	1010.59	1010.61	1010.57
	15	1010.65	1010.69	1010.69	1010.71	1010.72	1010.71	1010.70	1010.75	1010.80	1010.78	1010.76	1010.75	1010.72
	16	1010.77	1010.78	1010.79	1010.80	1010.81	1010.81	1010.81	1010.83	1010.84	1010.85	1010.87	1010.89	1010.82
	17	1010.92	1010.97	1011.01	1011.05	1011.11	1011.19	1011.22	1011.21	1011.21	1011.22	1011.25	1011.26	1011.13
	18	1011.23	1011.22	1011.23	1011.27	1011.32	1011.34	1011.36	1011.38	1011.41	1011.45	1011.51	1011.53	1011.35
	19	1011.55	1011.58	1011.61	1011.65	1011.69	1011.76	1011.81	1011.81	1011.81	1011.81	1011.81	1011.81	1011.72
	20	1011.80	1011.81	1011.83	1011.84	1011.86	1011.91	1011.94	1011.97	1012.04	1012.09	1012.09	1012.07	1011.94
	21	1012.02	1012.00	1012.05	1012.09	1012.08	1012.04	1012.03	1011.99	1011.92	1011.89	1011.86	1011.82	1011.98
	22	1011.72	1011.65	1011.66	1011.69	1011.75	1011.79	1011.80	1011.76	1011.74	1011.74	1011.75	1011.77	1011.73
	23	1011.79	1011.78	1011.76	1011.76	1011.75	1011.74	1011.71	1011.71	1011.73	1011.73	1011.69	1011.65	1011.73

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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	1011.59	1011.60	1011.59	1011.55	1011.49	1011.40	1011.32	1011.28	1011.28	1011.30	1011.34	1011.34	1011.41
	1	1011.34	1011.33	1011.31	1011.30	1011.29	1011.31	1011.31	1011.28	1011.24	1011.23	1011.20	1011.20	1011.28
	2	1011.21	1011.21	1011.24	1011.23	1011.19	1011.15	1011.12	1011.14	1011.17	1011.16	1011.16	1011.15	1011.17
	3	1011.14	1011.11	1011.09	1011.10	1011.08	1011.11	1011.16	1011.20	1011.23	1011.19	1011.14	1011.11	1011.14
	4	1011.07	1011.08	1011.14	1011.20	1011.22	1011.22	1011.19	1011.17	1011.18	1011.18	1011.18	1011.25	1011.17
	5	1011.34	1011.40	1011.42	1011.41	1011.42	1011.44	1011.47	1011.52	1011.61	1011.65	1011.62	1011.62	1011.49
	6	1011.69	1011.73	1011.76	1011.80	1011.81	1011.80	1011.81	1011.87	1011.93	1011.98	1012.07	1012.15	1011.86
	7	1012.18	1012.17	1012.13	1012.15	1012.17	1012.19	1012.22	1012.24	1012.31	1012.36	1012.39	1012.44	1012.24
	8	1012.49	1012.53	1012.52	1012.47	1012.45	1012.45	1012.41	1012.36	1012.34	1012.30	1012.27	1012.29	1012.40
	9	1012.27	1012.25	1012.29	1012.27	1012.26	1012.32	1012.32	1012.31	1012.36	1012.40	1012.39	1012.34	1012.31
	10	1012.33	1012.37	1012.38	1012.37	1012.34	1012.31	1012.33	1012.35	1012.32	1012.27	1012.24	1012.26	1012.32
	11	1012.28	1012.32	1012.34	1012.34	1012.35	1012.35	1012.36	1012.36	1012.34	1012.38	1012.42	1012.45	1012.36
	12	1012.46	1012.52	1012.57	1012.60	1012.64	1012.68	1012.72	1012.72	1012.69	1012.72	1012.77	1012.76	1012.65
	13	1012.73	1012.71	1012.70	1012.68	1012.67	1012.60	1012.50	1012.47	1012.48	1012.46	1012.43	1012.43	1012.57
	14	1012.44	1012.45	1012.47	1012.49	1012.46	1012.45	1012.43	1012.42	1012.40	1012.36	1012.36	1012.39	1012.42
	15	1012.38	1012.33	1012.33	1012.35	1012.34	1012.31	1012.24	1012.21	1012.16	1012.09	1012.05	1012.03	1012.23
	16	1011.99	1011.95	1011.95	1011.93	1011.89	1011.86	1011.85	1011.85	1011.83	1011.84	1011.88	1011.89	1011.89
	17	1011.93	1011.98	1012.01	1012.05	1012.12	1012.18	1012.19	1012.19	1012.20	1012.21	1012.24	1012.26	1012.13
	18	1012.26	1012.32	1012.41	1012.51	1012.59	1012.59	1012.63	1012.65	1012.64	1012.71	1012.84	1012.92	1012.59
	19	1012.98	1013.05	1013.15	1013.28	1013.36	1013.40	1013.45	1013.49	1013.52	1013.57	1013.59	1013.61	1013.37
	20	1013.64	1013.68	1013.66	1013.65	1013.67	1013.63	1013.58	1013.55	1013.56	1013.59	1013.62	1013.64	1013.62
	21	1013.64	1013.61	1013.62	1013.60	1013.60	1013.60	1013.57	1013.56	1013.53	1013.45	1013.39	1013.38	1013.54
	22	1013.37	1013.37	1013.37	1013.32	1013.19	1013.08	1012.99	1012.97	1013.01	1013.04	1013.07	1013.07	1013.15
	23	1013.00	1012.92	1012.89	1012.90	1012.91	1012.86	1012.83	1012.80	1012.76	1012.73	1012.69	1012.65	1012.83
6	0	1012.61	1012.60	1012.57	1012.49	1012.49	1012.57	1012.60	1012.64	1012.69	1012.71	1012.74	1012.81	1012.63
	1	1012.91	1013.01	1013.02	1012.95	1012.91	1012.85	1012.80	1012.89	1013.04	1013.21	1013.36	1013.40	1013.03
	2	1013.47	1013.52	1013.52	1013.55	1013.55	1013.51	1013.41	1013.35	1013.32	1013.24	1013.17	1013.17	1013.40
	3	1013.14	1013.08	1013.04	1013.06	1013.06	1012.94	1012.82	1012.79	1012.84	1012.86	1012.80	1012.77	1012.93
	4	1012.77	1012.73	1012.66	1012.66	1012.72	1012.75	1012.77	1012.85	1012.98	1013.14	1013.22	1013.25	1012.87
	5	1013.24	1013.28	1013.37	1013.44	1013.53	1013.53	1013.56	1013.64	1013.69	1013.74	1013.76	1013.76	1013.54
	6	1013.78	1013.78	1013.77	1013.76	1013.79	1013.78	1013.73	1013.78	1013.86	1013.87	1013.92	1014.00	1013.82
	7	1014.06	1014.08	1014.05	1014.06	1014.09	1014.19	1014.27	1014.30	1014.24	1014.13	1014.07	1014.05	1014.13
	8	1014.03	1013.96	1013.88	1013.81	1013.79	1013.78	1013.83	1013.88	1013.89	1013.94	1013.98	1014.03	1013.90
	9	1014.07	1014.09	1014.09	1014.11	1014.14	1014.07	1013.94	1013.90	1013.91	1013.90	1013.89	1013.89	1014.00
	10	1014.00	1014.25	1014.45	1014.52	1014.58	1014.59	1014.47	1014.34	1014.33	1014.33	1014.33	1014.39	1014.38
	11	1014.43	1014.42	1014.36	1014.29	1014.28	1014.25	1014.21	1014.21	1014.22	1014.26	1014.30	1014.33	1014.29
	12	1014.33	1014.26	1014.21	1014.17	1014.10	1014.04	1013.98	1013.99	1014.05	1014.06	1014.02	1013.96	1014.10
	13	1013.94	1013.92	1013.93	1013.92	1013.87	1013.85	1013.84	1013.81	1013.68	1013.55	1013.51	1013.54	1013.78
	14	1013.53	1013.46	1013.45	1013.50	1013.56	1013.61	1013.62	1013.58	1013.53	1013.52	1013.48	1013.42	1013.52
	15	1013.35	1013.39	1013.44	1013.46	1013.58	1013.64	1013.64	1013.68	1013.72	1013.59	1013.30	1013.14	1013.49
	16	1013.17	1013.21	1013.14	1013.12	1013.17	1013.21	1013.29	1013.34	1013.31	1013.24	1013.23	1013.23	1013.22
	17	1013.14	1013.08	1013.06	1013.02	1013.03	1013.07	1013.06	1013.04	1013.12	1013.27	1013.39	1013.37	1013.14
	18	1013.34	1013.27	1013.25	1013.22	1013.16	1013.21	1013.27	1013.36	1013.48	1013.49	1013.55	1013.71	1013.36
	19	1013.77	1013.80	1013.89	1013.92	1013.90	1013.96	1014.03	1014.12	1014.31	1014.43	1014.46	1014.51	1014.09
	20	1014.68	1014.84	1014.91	1014.96	1015.12	1015.27	1015.26	1015.10	1015.05	1015.13	1015.25	1015.36	1015.08
	21	1015.31	1015.34	1015.47	1015.53	1015.61	1015.67	1015.58	1015.32	1015.05	1015.04	1015.12	1015.02	1015.34
	22	1014.86	1014.78	1014.67	1014.64	1014.71	1014.67	1014.55	1014.30	1014.11	1014.14	1014.25	1014.33	1014.50
	23	1014.35	1014.29	1014.25	1014.23	1014.12	1013.99	1013.95	1013.89	1013.81	1013.76	1013.73	1013.65	1014.00

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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	1013.55	1013.51	1013.52	1013.53	1013.45	1013.40	1013.41	1013.40	1013.39	1013.42	1013.53	1013.55	1013.47
	1	1013.43	1013.36	1013.33	1013.29	1013.26	1013.25	1013.23	1013.18	1013.18	1013.22	1013.22	1013.17	1013.26
	2	1013.07	1013.02	1013.01	1012.98	1012.90	1012.81	1012.73	1012.68	1012.64	1012.63	1012.64	1012.67	1012.81
	3	1012.74	1012.79	1012.80	1012.97	1013.03	1012.98	1013.04	1013.00	1012.91	1012.86	1012.84	1012.80	1012.89
	4	1012.77	1012.81	1012.84	1012.82	1012.77	1012.72	1012.70	1012.70	1012.73	1012.78	1012.83	1012.90	1012.78
	5	1012.99	1013.06	1013.07	1013.05	1013.05	1013.08	1013.07	1013.10	1013.12	1013.11	1013.11	1013.10	1013.07
	6	1013.09	1013.05	1013.02	1013.07	1013.11	1013.15	1013.19	1013.21	1013.23	1013.25	1013.26	1013.27	1013.16
	7	1013.30	1013.33	1013.35	1013.39	1013.42	1013.43	1013.45	1013.50	1013.55	1013.57	1013.59	1013.63	1013.46
	8	1013.68	1013.73	1013.78	1013.83	1013.86	1013.89	1013.94	1013.99	1014.01	1014.03	1014.06	1014.07	1013.90
	9	1014.06	1014.06	1014.08	1014.11	1014.16	1014.20	1014.24	1014.24	1014.26	1014.34	1014.41	1014.43	1014.21
	10	1014.46	1014.47	1014.48	1014.49	1014.52	1014.57	1014.60	1014.65	1014.69	1014.73	1014.79	1014.84	1014.60
	11	1014.89	1014.92	1014.94	1014.95	1014.97	1015.01	1015.06	1015.13	1015.16	1015.13	1015.11	1015.16	1015.03
	12	1015.19	1015.21	1015.25	1015.32	1015.42	1015.48	1015.52	1015.53	1015.52	1015.47	1015.42	1015.39	1015.39
	13	1015.36	1015.31	1015.26	1015.23	1015.24	1015.26	1015.29	1015.33	1015.37	1015.40	1015.37	1015.33	1015.31
	14	1015.34	1015.35	1015.36	1015.39	1015.44	1015.48	1015.49	1015.50	1015.50	1015.48	1015.48	1015.49	1015.44
	15	1015.49	1015.47	1015.47	1015.49	1015.49	1015.49	1015.55	1015.58	1015.56	1015.54	1015.54	1015.54	1015.52
	16	1015.52	1015.48	1015.45	1015.45	1015.45	1015.50	1015.54	1015.57	1015.63	1015.65	1015.66	1015.68	1015.55
	17	1015.70	1015.72	1015.74	1015.74	1015.80	1015.87	1015.92	1015.97	1016.01	1016.08	1016.11	1016.15	1015.90
	18	1016.20	1016.23	1016.28	1016.39	1016.50	1016.58	1016.64	1016.68	1016.72	1016.77	1016.82	1016.90	1016.56
	19	1016.96	1016.99	1017.04	1017.11	1017.17	1017.26	1017.30	1017.31	1017.34	1017.40	1017.45	1017.53	1017.24
	20	1017.64	1017.71	1017.72	1017.70	1017.67	1017.69	1017.75	1017.80	1017.84	1017.87	1017.86	1017.84	1017.76
	21	1017.85	1017.86	1017.83	1017.84	1017.87	1017.87	1017.85	1017.87	1017.92	1017.94	1017.95	1017.95	1017.88
	22	1017.94	1017.92	1017.93	1017.93	1017.92	1017.94	1017.94	1017.94	1017.95	1017.96	1017.98	1017.99	1017.94
	23	1017.99	1017.97	1017.97	1017.99	1018.00	1018.01	1018.00	1017.95	1017.89	1017.81	1017.75	1017.72	1017.92
8	0	1017.68	1017.65	1017.60	1017.66	1017.69	1017.62	1017.57	1017.56	1017.51	1017.46	1017.46	1017.49	1017.57
	1	1017.52	1017.55	1017.55	1017.49	1017.44	1017.43	1017.42	1017.40	1017.40	1017.43	1017.42	1017.40	1017.45
	2	1017.42	1017.44	1017.42	1017.38	1017.37	1017.38	1017.36	1017.36	1017.38	1017.42	1017.46	1017.50	1017.40
	3	1017.56	1017.62	1017.65	1017.68	1017.75	1017.83	1017.88	1017.91	1017.95	1017.96	1017.95	1017.95	1017.81
	4	1017.96	1017.98	1018.01	1018.04	1018.10	1018.16	1018.18	1018.20	1018.22	1018.24	1018.27	1018.29	1018.14
	5	1018.32	1018.37	1018.41	1018.43	1018.45	1018.50	1018.52	1018.51	1018.50	1018.52	1018.54	1018.54	1018.46
	6	1018.53	1018.53	1018.53	1018.53	1018.51	1018.49	1018.46	1018.45	1018.46	1018.49	1018.54	1018.58	1018.50
	7	1018.61	1018.60	1018.54	1018.52	1018.51	1018.52	1018.54	1018.60	1018.62	1018.62	1018.61	1018.58	1018.57
	8	1018.55	1018.54	1018.58	1018.63	1018.63	1018.64	1018.66	1018.64	1018.64	1018.69	1018.70	1018.65	1018.63
	9	1018.62	1018.64	1018.65	1018.61	1018.58	1018.58	1018.55	1018.50	1018.49	1018.47	1018.43	1018.36	1018.54
	10	1018.30	1018.24	1018.17	1018.12	1018.12	1018.13	1018.10	1018.01	1017.96	1017.98	1017.96	1017.93	1018.08
	11	1017.92	1017.92	1017.90	1017.85	1017.81	1017.79	1017.81	1017.83	1017.83	1017.80	1017.83	1017.90	1017.85
	12	1017.89	1017.90	1017.91	1017.90	1017.89	1017.87	1017.88	1017.89	1017.89	1017.87	1017.84	1017.83	1017.88
	13	1017.77	1017.71	1017.69	1017.67	1017.63	1017.61	1017.58	1017.54	1017.48	1017.42	1017.38	1017.32	1017.56
	14	1017.27	1017.26	1017.19	1017.15	1017.15	1017.12	1017.11	1017.08	1017.07	1017.10	1017.13	1017.14	1017.14
	15	1017.16	1017.18	1017.17	1017.15	1017.13	1017.11	1017.11	1017.13	1017.12	1017.08	1017.06	1017.03	1017.12
	16	1017.00	1016.99	1017.03	1017.07	1017.05	1016.99	1016.95	1016.93	1016.94	1016.96	1016.99	1017.03	1016.99
	17	1017.06	1017.07	1017.11	1017.19	1017.23	1017.24	1017.25	1017.28	1017.32	1017.37	1017.42	1017.41	1017.24
	18	1017.40	1017.41	1017.44	1017.47	1017.48	1017.49	1017.52	1017.57	1017.63	1017.65	1017.65	1017.67	1017.53
	19	1017.74	1017.80	1017.82	1017.85	1017.91	1017.99	1018.05	1018.09	1018.15	1018.18	1018.23	1018.31	1018.01
	20	1018.36	1018.35	1018.31	1018.34	1018.35	1018.33	1018.35	1018.34	1018.32	1018.34	1018.33	1018.30	1018.33
	21	1018.27	1018.25	1018.25	1018.27	1018.26	1018.19	1018.15	1018.15	1018.14	1018.10	1018.08	1018.05	1018.18
	22	1018.02	1018.04	1018.05	1018.09	1018.13	1018.19	1018.27	1018.31	1018.37	1018.45	1018.53	1018.55	1018.25
	23	1018.49	1018.41	1018.36	1018.32	1018.24	1018.21	1018.23	1018.24	1018.19	1018.09	1018.04	1018.06	1018.24

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

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
9	0	1018.07	1018.05	1018.03	1018.04	1018.06	1018.08	1018.08	1018.08	1018.05	1018.02	1018.07	1018.11	1018.06
	1	1018.11	1018.12	1018.10	1018.05	1018.01	1018.02	1018.03	1018.03	1018.04	1018.06	1018.09	1018.09	1018.06
	2	1018.07	1018.04	1018.01	1017.97	1017.92	1017.87	1017.81	1017.79	1017.80	1017.76	1017.70	1017.67	1017.86
	3	1017.68	1017.69	1017.69	1017.72	1017.75	1017.77	1017.81	1017.83	1017.83	1017.85	1017.90	1017.94	1017.79
	4	1017.96	1017.99	1018.03	1018.09	1018.17	1018.22	1018.25	1018.30	1018.32	1018.33	1018.36	1018.40	1018.20
	5	1018.42	1018.43	1018.44	1018.43	1018.44	1018.50	1018.54	1018.55	1018.55	1018.55	1018.54	1018.54	1018.49
	6	1018.58	1018.64	1018.68	1018.67	1018.66	1018.66	1018.65	1018.65	1018.66	1018.66	1018.62	1018.60	1018.64
	7	1018.62	1018.65	1018.65	1018.62	1018.63	1018.65	1018.66	1018.67	1018.69	1018.70	1018.71	1018.70	1018.66
	8	1018.65	1018.66	1018.73	1018.77	1018.80	1018.80	1018.78	1018.76	1018.74	1018.72	1018.75	1018.78	1018.74
	9	1018.74	1018.69	1018.64	1018.61	1018.62	1018.62	1018.64	1018.65	1018.66	1018.70	1018.76	1018.77	1018.67
	10	1018.71	1018.67	1018.68	1018.65	1018.60	1018.58	1018.57	1018.58	1018.58	1018.58	1018.58	1018.53	1018.61
	11	1018.47	1018.47	1018.46	1018.43	1018.39	1018.38	1018.39	1018.37	1018.32	1018.30	1018.26	1018.25	1018.37
	12	1018.26	1018.26	1018.25	1018.24	1018.27	1018.30	1018.27	1018.22	1018.21	1018.23	1018.26	1018.32	1018.25
	13	1018.33	1018.33	1018.35	1018.33	1018.31	1018.28	1018.30	1018.31	1018.31	1018.32	1018.32	1018.36	1018.32
	14	1018.39	1018.41	1018.43	1018.41	1018.41	1018.39	1018.35	1018.33	1018.32	1018.30	1018.25	1018.21	1018.35
	15	1018.19	1018.19	1018.23	1018.27	1018.25	1018.25	1018.27	1018.27	1018.29	1018.26	1018.22	1018.21	1018.24
	16	1018.20	1018.21	1018.22	1018.21	1018.21	1018.21	1018.21	1018.24	1018.28	1018.30	1018.30	1018.30	1018.24
	17	1018.30	1018.30	1018.31	1018.32	1018.35	1018.40	1018.44	1018.50	1018.58	1018.60	1018.58	1018.56	1018.43
	18	1018.56	1018.58	1018.59	1018.61	1018.66	1018.75	1018.83	1018.87	1018.91	1018.93	1018.94	1018.97	1018.76
	19	1019.04	1019.11	1019.15	1019.18	1019.22	1019.26	1019.27	1019.29	1019.32	1019.33	1019.34	1019.37	1019.24
	20	1019.40	1019.44	1019.49	1019.57	1019.61	1019.62	1019.62	1019.63	1019.66	1019.69	1019.73	1019.78	1019.60
	21	1019.83	1019.85	1019.87	1019.88	1019.88	1019.90	1019.95	1020.01	1020.04	1020.05	1020.05	1020.03	1019.94
	22	1020.02	1020.04	1020.07	1020.09	1020.10	1020.13	1020.12	1020.13	1020.16	1020.17	1020.15	1020.14	1020.11
	23	1020.16	1020.20	1020.24	1020.26	1020.24	1020.20	1020.18	1020.18	1020.16	1020.15	1020.14	1020.12	1020.18
10	0	1020.10	1020.10	1020.10	1020.10	1020.09	1020.08	1020.07	1020.06	1020.06	1020.07	1020.09	1020.13	1020.08
	1	1020.14	1020.14	1020.13	1020.12	1020.15	1020.16	1020.16	1020.19	1020.23	1020.26	1020.27	1020.25	1020.18
	2	1020.25	1020.29	1020.33	1020.32	1020.26	1020.22	1020.23	1020.29	1020.33	1020.35	1020.34	1020.35	1020.29
	3	1020.34	1020.32	1020.31	1020.31	1020.34	1020.38	1020.42	1020.44	1020.42	1020.40	1020.41	1020.44	1020.38
	4	1020.46	1020.45	1020.45	1020.50	1020.55	1020.55	1020.56	1020.63	1020.68	1020.71	1020.72	1020.71	1020.58
	5	1020.74	1020.78	1020.81	1020.87	1020.95	1021.03	1021.09	1021.11	1021.15	1021.21	1021.26	1021.28	1021.02
	6	1021.32	1021.41	1021.49	1021.52	1021.51	1021.48	1021.45	1021.46	1021.47	1021.48	1021.49	1021.49	1021.46
	7	1021.53	1021.58	1021.62	1021.66	1021.67	1021.69	1021.72	1021.74	1021.78	1021.81	1021.84	1021.85	1021.71
	8	1021.84	1021.82	1021.79	1021.81	1021.82	1021.80	1021.77	1021.76	1021.79	1021.80	1021.76	1021.73	1021.79
	9	1021.75	1021.74	1021.73	1021.74	1021.77	1021.78	1021.76	1021.75	1021.75	1021.74	1021.68	1021.63	1021.73
	10	1021.61	1021.59	1021.61	1021.66	1021.69	1021.70	1021.68	1021.67	1021.65	1021.65	1021.64	1021.64	1021.65
	11	1021.64	1021.62	1021.61	1021.60	1021.62	1021.62	1021.62	1021.64	1021.60	1021.58	1021.57	1021.54	1021.60
	12	1021.54	1021.57	1021.57	1021.53	1021.47	1021.44	1021.38	1021.34	1021.32	1021.27	1021.24	1021.20	1021.40
	13	1021.17	1021.14	1021.14	1021.16	1021.13	1021.09	1021.07	1021.05	1021.05	1021.10	1021.14	1021.14	1021.11
	14	1021.13	1021.14	1021.14	1021.14	1021.13	1021.11	1021.06	1021.00	1020.98	1020.96	1020.93	1020.90	1021.05
	15	1020.89	1020.86	1020.79	1020.74	1020.73	1020.74	1020.80	1020.84	1020.85	1020.87	1020.87	1020.88	1020.82
	16	1020.86	1020.81	1020.77	1020.74	1020.72	1020.70	1020.70	1020.70	1020.67	1020.65	1020.68	1020.72	1020.72
	17	1020.76	1020.79	1020.83	1020.87	1020.89	1020.90	1020.91	1020.96	1021.04	1021.11	1021.18	1021.21	1020.95
	18	1021.21	1021.21	1021.24	1021.26	1021.26	1021.29	1021.34	1021.39	1021.42	1021.45	1021.50	1021.54	1021.34
	19	1021.59	1021.64	1021.66	1021.68	1021.69	1021.70	1021.74	1021.80	1021.84	1021.89	1021.95	1021.98	1021.76
	20	1021.97	1021.95	1021.94	1021.96	1021.98	1022.00	1022.03	1022.06	1022.07	1022.05	1022.03	1022.03	1022.00
	21	1022.02	1022.01	1021.98	1021.96	1021.98	1022.03	1022.07	1022.07	1022.04	1021.98	1021.95	1021.94	1022.00
	22	1021.93	1021.94	1021.96	1021.99	1022.02	1022.06	1022.07	1022.06	1022.04	1022.04	1022.03	1022.00	1022.01
	23	1021.96	1021.92	1021.89	1021.87	1021.83	1021.79	1021.76	1021.74	1021.73	1021.72	1021.71	1021.68	1021.80

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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	1021.65	1021.64	1021.66	1021.68	1021.71	1021.74	1021.73	1021.70	1021.71	1021.70	1021.67	1021.64	1021.68
	1	1021.65	1021.68	1021.69	1021.69	1021.69	1021.71	1021.69	1021.64	1021.66	1021.69	1021.67	1021.67	1021.67
	2	1021.63	1021.57	1021.54	1021.50	1021.47	1021.44	1021.42	1021.42	1021.42	1021.39	1021.38	1021.39	1021.46
	3	1021.38	1021.37	1021.38	1021.39	1021.42	1021.47	1021.52	1021.54	1021.53	1021.50	1021.51	1021.56	1021.46
	4	1021.65	1021.73	1021.77	1021.78	1021.79	1021.82	1021.86	1021.88	1021.90	1021.96	1022.02	1022.04	1021.85
	5													1022.04
	6													
	7		1022.45	1022.47	1022.45	1022.44	1022.46	1022.47	1022.46	1022.43	1022.40	1022.36	1022.30	1022.43
	8	1022.28	1022.31	1022.35	1022.41	1022.44	1022.42	1022.41	1022.43	1022.42	1022.39	1022.34	1022.31	1022.37
	9	1022.26	1022.23	1022.27	1022.28	1022.26	1022.25	1022.27	1022.28	1022.32	1022.32	1022.32	1022.33	1022.28
	10	1022.32	1022.30	1022.28	1022.24	1022.22	1022.18	1022.11	1022.07	1022.05	1022.05	1022.03	1021.97	1022.15
	11	1021.93	1021.94	1021.91	1021.90	1021.91	1021.93	1021.92	1021.87	1021.82	1021.80	1021.79	1021.77	1021.87
	12	1021.76	1021.76	1021.77	1021.77	1021.74	1021.71	1021.65	1021.62	1021.59	1021.56	1021.54	1021.52	1021.66
	13	1021.49	1021.47	1021.43	1021.41	1021.38	1021.33	1021.30	1021.27	1021.24	1021.22	1021.20	1021.20	1021.33
	14	1021.19	1021.17	1021.13	1021.13	1021.12	1021.11	1021.11	1021.12	1021.14	1021.17	1021.22	1021.25	1021.15
	15	1021.26	1021.30	1021.33	1021.33	1021.31	1021.30	1021.31	1021.32	1021.32	1021.33	1021.33	1021.30	1021.31
	16	1021.29	1021.29	1021.29	1021.28	1021.26	1021.24	1021.22	1021.18	1021.10	1021.05	1021.05	1021.03	1021.19
	17	1021.01	1021.00	1021.02	1021.06	1021.08	1021.07	1021.06	1021.07	1021.09	1021.13	1021.15	1021.17	1021.07
	18	1021.17	1021.16	1021.17	1021.19	1021.19	1021.21	1021.23	1021.24	1021.27	1021.30	1021.35	1021.41	1021.24
	19	1021.45	1021.47	1021.50	1021.51	1021.52	1021.54	1021.57	1021.60	1021.62	1021.64	1021.66	1021.66	1021.56
	20	1021.68	1021.68	1021.67	1021.66	1021.67	1021.70	1021.72	1021.72	1021.72	1021.70	1021.65	1021.64	1021.68
	21	1021.67	1021.69	1021.68	1021.67	1021.66	1021.63	1021.63	1021.64	1021.63	1021.62	1021.65	1021.66	1021.65
	22	1021.66	1021.68	1021.72	1021.76	1021.76	1021.71	1021.68	1021.69	1021.69	1021.70	1021.69	1021.64	1021.70
	23	1021.60	1021.57	1021.54	1021.49	1021.45	1021.44	1021.41	1021.36	1021.30	1021.25	1021.22	1021.19	1021.40
12	0	1021.15	1021.13	1021.07	1021.02	1021.01	1020.99	1020.93	1020.89	1020.85	1020.80	1020.75	1020.71	1020.93
	1	1020.67	1020.65	1020.64	1020.62	1020.61	1020.61	1020.63	1020.63	1020.62	1020.59	1020.56	1020.56	1020.61
	2	1020.55	1020.53	1020.49	1020.43	1020.38	1020.34	1020.32	1020.30	1020.28	1020.25	1020.21	1020.17	1020.35
	3	1020.15	1020.14	1020.14	1020.14	1020.11	1020.09	1020.03	1019.97	1019.92	1019.89	1019.90	1019.88	1020.03
	4	1019.85	1019.83	1019.85	1019.89	1019.92	1019.92	1019.94	1020.00	1020.05	1020.04	1020.03	1020.04	1019.94
	5	1020.04	1020.03	1020.05	1020.06	1020.04	1020.02	1020.03	1020.05	1020.03	1020.00	1019.97	1019.98	1020.02
	6	1020.01	1020.06	1020.10	1020.11	1020.13	1020.15	1020.16	1020.17	1020.17	1020.18	1020.18	1020.18	1020.13
	7	1020.20	1020.20	1020.18	1020.17	1020.16	1020.14	1020.11	1020.09	1020.10	1020.08	1020.03	1019.98	1020.12
	8	1019.94	1019.90	1019.84	1019.74	1019.67	1019.63	1019.59	1019.54	1019.49	1019.45	1019.40	1019.38	1019.63
	9	1019.35	1019.29	1019.24	1019.19	1019.13	1019.07	1019.04	1019.05	1019.04	1019.02	1018.96	1018.92	1019.10
	10	1018.90	1018.86	1018.80	1018.74	1018.68	1018.62	1018.56	1018.50	1018.42	1018.33	1018.26	1018.25	1018.57
	11	1018.22	1018.17	1018.14	1018.13	1018.12	1018.10	1018.09	1018.07	1018.04	1018.02	1018.02	1017.98	1018.09
	12	1017.91	1017.83	1017.78	1017.78	1017.78	1017.78	1017.80	1017.81	1017.82	1017.78	1017.76	1017.77	1017.80
	13	1017.75	1017.71	1017.64	1017.59	1017.55	1017.48	1017.41	1017.36	1017.29	1017.25	1017.20	1017.13	1017.44
	14	1017.09	1017.04	1017.00	1016.97	1016.92	1016.91	1016.89	1016.86	1016.82	1016.76	1016.69	1016.62	1016.88
	15	1016.56	1016.54	1016.52	1016.47	1016.40	1016.39	1016.37	1016.36	1016.32	1016.24	1016.17	1016.09	1016.37
	16	1016.00	1015.96	1015.96	1015.97	1015.93	1015.91	1015.93	1015.90	1015.84	1015.81	1015.77	1015.71	1015.89
	17	1015.70	1015.74	1015.77	1015.76	1015.72	1015.70	1015.73	1015.77	1015.79	1015.81	1015.81	1015.79	1015.76
	18	1015.82	1015.87	1015.89	1015.88	1015.89	1015.90	1015.88	1015.88	1015.86	1015.82	1015.75	1015.72	1015.84
	19	1015.70	1015.67	1015.66	1015.63	1015.60	1015.60	1015.58	1015.59	1015.62	1015.60	1015.57	1015.53	1015.61
	20	1015.55	1015.61	1015.66	1015.69	1015.68	1015.63	1015.59	1015.56	1015.52	1015.51	1015.49	1015.46	1015.58
	21	1015.45	1015.43	1015.41	1015.38	1015.37	1015.35	1015.35	1015.35	1015.36	1015.38	1015.38	1015.41	1015.38
	22	1015.43	1015.41	1015.42	1015.44	1015.47	1015.51	1015.45	1015.33	1015.26	1015.21	1015.16	1015.14	1015.35
	23	1015.20	1015.22	1015.15	1015.08	1015.00	1014.96	1014.92	1014.84	1014.72	1014.61	1014.55	1014.45	1014.89

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
13	0	1014.29	1014.25	1014.19	1014.13	1014.08	1014.05	1013.98	1013.89	1013.81	1013.77	1013.79	1013.78	1013.99
	1	1013.76	1013.76	1013.74	1013.66	1013.61	1013.65	1013.73	1013.74	1013.71	1013.66	1013.60	1013.59	1013.68
	2	1013.52	1013.46	1013.47	1013.48	1013.51	1013.46	1013.30	1013.12	1013.02	1013.02	1013.02	1012.96	1013.28
	3	1012.85	1012.79	1012.81	1012.78	1012.68	1012.69	1012.80	1012.85	1012.79	1012.66	1012.50	1012.43	1012.72
	4	1012.46	1012.50	1012.54	1012.52	1012.44	1012.43	1012.49	1012.53	1012.53	1012.53	1012.59	1012.64	1012.52
	5	1012.63	1012.60	1012.58	1012.55	1012.52	1012.48	1012.48	1012.56	1012.55	1012.44	1012.32	1012.26	1012.50
	6	1012.26	1012.30	1012.27	1012.18	1012.10	1012.04	1012.01	1011.99	1011.97	1011.95	1011.97	1011.98	1012.08
	7	1011.91	1011.86	1011.90	1011.97	1011.99	1011.99	1012.01	1012.00	1011.94	1011.91	1011.96	1011.99	1011.95
	8	1011.95	1011.88	1011.77	1011.69	1011.64	1011.57	1011.51	1011.49	1011.50	1011.52	1011.51	1011.49	1011.62
	9	1011.50	1011.50	1011.51	1011.50	1011.42	1011.31	1011.22	1011.16	1011.12	1011.11	1011.13	1011.09	1011.29
	10	1010.98	1010.87	1010.79	1010.73	1010.63	1010.47	1010.30	1010.20	1010.21	1010.26	1010.29	1010.31	1010.50
	11	1010.28	1010.16	1010.02	1009.99	1010.07	1010.12	1010.08	1009.91	1009.72	1009.71	1009.78	1009.71	1009.96
	12	1009.58	1009.53	1009.60	1009.73	1009.81	1009.81	1009.73	1009.57	1009.44	1009.42	1009.50	1009.51	1009.60
	13	1009.41	1009.30	1009.21	1009.09	1008.91	1008.78	1008.80	1008.90	1009.03	1009.08	1009.09	1009.16	1009.06
	14	1009.21	1009.17	1009.01	1008.98	1008.99	1008.93	1008.92	1008.89	1008.88	1008.91	1008.92	1008.90	1008.97
	15	1008.87	1008.76	1008.61	1008.45	1008.30	1008.20	1008.11	1008.06	1008.04	1008.04	1008.00	1007.98	1008.28
	16	1007.98	1008.00	1008.03	1008.02	1008.00	1008.03	1008.04	1008.01	1008.05	1008.12	1008.24	1008.28	1008.06
	17	1008.27	1008.29	1008.28	1008.24	1008.22	1008.25	1008.26	1008.21	1008.11	1008.06	1008.03	1008.02	1008.18
	18	1008.09	1008.12	1008.04	1007.97	1007.90	1007.81	1007.83	1007.92	1007.99	1008.07	1008.17	1008.18	1008.01
	19	1008.12	1008.13	1008.15	1008.17	1008.26	1008.37	1008.41	1008.46	1008.51	1008.55	1008.58	1008.50	1008.35
	20	1008.39	1008.39	1008.56	1008.73	1008.82	1008.86	1008.86	1008.85	1008.76	1008.69	1008.62	1008.52	1008.67
	21	1008.36	1008.23	1008.31	1008.44	1008.41	1008.27	1008.15	1008.06	1008.06	1008.06	1008.03	1007.91	1008.19
	22	1007.81	1007.82	1007.85	1007.83	1007.81	1007.81	1007.79	1007.81	1007.86	1007.91	1007.93	1007.85	1007.84
	23	1007.85	1007.90	1007.93	1007.88	1007.79	1007.74	1007.77	1007.82	1007.84	1007.87	1007.80	1007.73	1007.82
14	0	1007.68	1007.67	1007.62	1007.60	1007.57	1007.48	1007.44	1007.40	1007.32	1007.21	1007.11	1007.13	1007.42
	1	1007.13	1007.06	1006.98	1006.91	1006.93	1006.87	1006.74	1006.69	1006.67	1006.65	1006.68	1006.61	1006.82
	2	1006.50	1006.49	1006.48	1006.49	1006.51	1006.47	1006.42	1006.38	1006.30	1006.25	1006.21	1006.19	1006.39
	3	1006.19	1006.16	1006.12	1006.08	1006.10	1006.10	1006.08	1006.11	1006.10	1006.16	1006.23	1006.26	1006.14
	4	1006.27	1006.32	1006.40	1006.42	1006.46	1006.51	1006.54	1006.55	1006.56	1006.57	1006.58	1006.60	1006.48
	5	1006.59	1006.59	1006.61	1006.60	1006.62	1006.67	1006.70	1006.77	1006.85	1006.88	1006.89	1006.88	1006.72
	6	1006.90	1006.91	1006.94	1007.00	1007.03	1007.06	1007.06	1007.00	1006.97	1006.96	1006.96	1006.97	1006.98
	7	1007.00	1007.03	1007.05	1007.11	1007.22	1007.27	1007.26	1007.26	1007.26	1007.28	1007.35	1007.43	1007.21
	8	1007.48	1007.53	1007.54	1007.55	1007.57	1007.55	1007.56	1007.54	1007.48	1007.48	1007.47	1007.46	1007.51
	9	1007.47	1007.46	1007.41	1007.37	1007.39	1007.37	1007.37	1007.40	1007.40	1007.41	1007.42	1007.32	1007.40
	10	1007.29	1007.33	1007.32	1007.26	1007.25	1007.33	1007.28	1007.18	1007.15	1007.16	1007.18	1007.11	1007.23
	11	1007.09	1007.13	1007.09	1007.09	1007.13	1007.19	1007.25	1007.28	1007.27	1007.30	1007.35	1007.35	1007.21
	12	1007.42	1007.43	1007.38	1007.35	1007.34	1007.37	1007.38	1007.35	1007.32	1007.28	1007.23	1007.22	1007.34
	13	1007.20	1007.20	1007.23	1007.23	1007.27	1007.28	1007.32	1007.35	1007.34	1007.35	1007.30	1007.32	1007.28
	14	1007.36	1007.36	1007.41	1007.42	1007.41	1007.46	1007.55	1007.57	1007.54	1007.58	1007.60	1007.64	1007.49
	15	1007.64	1007.58	1007.62	1007.60	1007.55	1007.53	1007.52	1007.56	1007.59	1007.61	1007.67	1007.71	1007.60
	16	1007.71	1007.74	1007.76	1007.77	1007.83	1007.88	1007.91	1007.93	1007.93	1007.94	1007.99	1008.08	1007.87
	17	1008.18	1008.26	1008.29	1008.29	1008.34	1008.40	1008.49	1008.54	1008.61	1008.69	1008.75	1008.85	1008.47
	18	1008.94	1009.03	1009.10	1009.13	1009.13	1009.12	1009.14	1009.18	1009.18	1009.18	1009.25	1009.32	1009.14
	19	1009.37	1009.42	1009.49	1009.59	1009.66	1009.67	1009.66	1009.67	1009.74	1009.81	1009.82	1009.86	1009.64
	20	1009.88	1009.91	1009.95	1010.00	1010.02	1010.02	1010.05	1010.08	1010.13	1010.13	1010.13	1010.18	1010.04
	21	1010.22	1010.18	1010.16	1010.20	1010.21	1010.19	1010.21	1010.20	1010.21	1010.26	1010.24	1010.17	1010.20
	22	1010.16	1010.22	1010.22	1010.21	1010.28	1010.35	1010.37	1010.39	1010.40	1010.35	1010.30	1010.28	1010.29
	23	1010.28	1010.27	1010.24	1010.22	1010.22	1010.23	1010.20	1010.14	1010.09	1009.96	1009.82	1009.76	1010.12

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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	1009.71	1009.68	1009.67	1009.70	1009.74	1009.79	1009.85	1009.93	1010.03	1010.08	1010.08	1010.07	1009.87
	1	1010.06	1010.06	1010.07	1010.07	1010.10	1010.09	1010.09	1010.10	1010.05	1010.05	1010.08	1010.10	1010.08
	2	1010.16	1010.25	1010.28	1010.28	1010.27	1010.23	1010.20	1010.15	1010.10	1010.05	1010.01	1009.99	1010.16
	3	1009.94	1009.88	1009.84	1009.81	1009.81	1009.87	1009.97	1010.02	1010.03	1010.04	1010.12	1010.20	1009.96
	4	1010.25	1010.32	1010.36	1010.39	1010.44	1010.47	1010.46	1010.46	1010.46	1010.48	1010.55	1010.61	1010.44
	5	1010.61	1010.60	1010.58	1010.59	1010.64	1010.65	1010.61	1010.54	1010.49	1010.50	1010.50	1010.51	1010.57
	6	1010.54	1010.53	1010.49	1010.47	1010.45	1010.42	1010.41	1010.42	1010.47	1010.53	1010.58	1010.61	1010.49
	7	1010.60	1010.60	1010.68	1010.73	1010.71	1010.67	1010.58	1010.46	1010.42	1010.45	1010.46	1010.49	1010.57
	8	1010.54	1010.60	1010.62	1010.58	1010.56	1010.60	1010.66	1010.68	1010.68	1010.67	1010.62	1010.60	1010.61
	9	1010.62	1010.62	1010.62	1010.64	1010.64	1010.61	1010.56	1010.57	1010.62	1010.57	1010.50	1010.44	1010.58
	10	1010.40	1010.38	1010.43	1010.47	1010.43	1010.36	1010.27	1010.20	1010.19	1010.13	1010.13	1010.23	1010.30
	11	1010.26	1010.24	1010.26	1010.32	1010.36	1010.41	1010.40	1010.31	1010.31	1010.28	1010.23	1010.22	1010.30
	12	1010.18	1010.16	1010.09	1010.12	1010.20	1010.14	1010.07	1010.05	1010.06	1010.08	1010.05	1009.98	1010.10
	13	1009.91	1009.86	1009.85	1009.86	1009.83	1009.74	1009.64	1009.60	1009.60	1009.56	1009.53	1009.57	1009.71
	14	1009.60	1009.57	1009.58	1009.59	1009.61	1009.64	1009.61	1009.61	1009.65	1009.68	1009.69	1009.65	1009.62
	15	1009.59	1009.60	1009.58	1009.54	1009.56	1009.58	1009.60	1009.65	1009.71	1009.77	1009.84	1009.89	1009.66
	16	1009.93	1009.95	1009.97	1009.97	1009.96	1009.95	1009.94	1009.90	1009.85	1009.85	1009.87	1009.86	1009.92
	17	1009.87	1009.92	1009.97	1009.99	1010.00	1010.01	1010.01	1010.01	1010.02	1010.05	1010.11	1010.14	1010.01
	18	1010.15	1010.17	1010.20	1010.21	1010.19	1010.23	1010.26	1010.26	1010.26	1010.24	1010.24	1010.27	1010.22
	19	1010.27	1010.28	1010.33	1010.31	1010.29	1010.31	1010.34	1010.36	1010.39	1010.42	1010.41	1010.40	1010.34
	20	1010.38	1010.39	1010.37	1010.35	1010.36	1010.37	1010.34	1010.30	1010.24	1010.21	1010.19	1010.20	1010.31
	21	1010.20	1010.18	1010.22	1010.22	1010.15	1010.13	1010.10	1010.07	1010.09	1010.08	1010.04	1010.02	1010.12
	22	1009.97	1009.98	1010.03	1010.00	1009.93	1009.87	1009.84	1009.74	1009.66	1009.68	1009.63	1009.54	1009.82
	23	1009.46	1009.41	1009.37	1009.30	1009.23	1009.14	1009.04	1008.98	1008.94	1008.85	1008.69	1008.57	1009.08
16	0	1008.47	1008.43	1008.37	1008.32	1008.28	1008.26	1008.26	1008.26	1008.22	1008.17	1008.15	1008.16	1008.27
	1	1008.16	1008.15	1008.12	1008.09	1008.10	1008.09	1008.03	1007.97	1007.91	1007.87	1007.83	1007.79	1008.01
	2	1007.74	1007.66	1007.61	1007.58	1007.55	1007.56	1007.58	1007.55	1007.47	1007.37	1007.28	1007.22	1007.51
	3	1007.19	1007.20	1007.24	1007.27	1007.26	1007.22	1007.19	1007.16	1007.17	1007.16	1007.09	1007.05	1007.18
	4	1007.08	1007.09	1007.07	1007.04	1007.03	1006.99	1006.96	1007.01	1007.10	1007.14	1007.15	1007.12	1007.06
	5	1007.05	1007.05	1007.05	1007.04	1007.06	1007.11	1007.11	1007.06	1007.03	1007.02	1007.06	1007.10	1007.06
	6	1007.10	1007.08	1007.06	1007.05	1007.07	1007.11	1007.15	1007.13	1007.11	1007.10	1007.06	1007.03	1007.09
	7	1007.05	1007.06	1007.02	1006.97	1006.93	1006.93	1006.95	1006.99	1007.03	1007.03	1007.05	1007.05	1007.00
	8	1007.01	1007.02	1007.10	1007.15	1007.22	1007.30	1007.35	1007.38	1007.40	1007.40	1007.41	1007.42	1007.26
	9	1007.44	1007.49	1007.52	1007.50	1007.49	1007.51	1007.53	1007.51	1007.48	1007.44	1007.40	1007.40	1007.47
	10	1007.43	1007.48	1007.53	1007.57	1007.59	1007.60	1007.67	1007.78	1007.88	1007.93	1008.02	1008.10	1007.71
	11	1008.11	1008.14	1008.19	1008.23	1008.27	1008.29	1008.28	1008.33	1008.38	1008.37	1008.36	1008.35	1008.27
	12	1008.27	1008.22	1008.21	1008.23	1008.25	1008.29	1008.32	1008.28	1008.31	1008.32	1008.22	1008.17	1008.25
	13	1008.13	1008.10	1008.08	1008.05	1008.01	1007.98	1007.94	1007.92	1008.01	1008.08	1008.11	1008.10	1008.04
	14	1008.04	1007.95	1007.91	1007.83	1007.81	1007.84	1007.74	1007.67	1007.66	1007.68	1007.72	1007.72	1007.80
	15	1007.80	1008.02	1008.13	1008.25	1008.41	1008.46	1008.51	1008.62	1008.76	1008.89	1009.01	1009.10	1008.50
	16	1009.17	1009.20	1009.18	1009.17	1009.17	1009.16	1009.17	1009.20	1009.26	1009.34	1009.36	1009.39	1009.23
	17	1009.49	1009.57	1009.58	1009.68	1009.85	1009.99	1010.10	1010.19	1010.25	1010.31	1010.49	1010.66	1010.01
	18	1010.75	1010.84	1010.92	1011.00	1011.05	1011.11	1011.13	1011.14	1011.18	1011.19	1011.22	1011.28	1011.06
	19	1011.34	1011.41	1011.54	1011.74	1011.87	1011.98	1012.08	1012.13	1012.12	1012.11	1012.17	1012.21	1011.89
	20	1012.32	1012.41	1012.42	1012.49	1012.60	1012.68	1012.76	1012.86	1012.89	1012.92	1012.92	1012.92	1012.68
	21	1012.95	1012.96	1012.97	1013.00	1013.03	1013.07	1013.10	1013.17	1013.28	1013.37	1013.45	1013.48	1013.15
	22	1013.50	1013.52	1013.56	1013.58	1013.58	1013.61	1013.66	1013.70	1013.69	1013.70	1013.76	1013.80	1013.64
	23	1013.80	1013.80	1013.80	1013.81	1013.80	1013.80	1013.82	1013.82	1013.80	1013.80	1013.80	1013.78	1013.80

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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	1013.81	1013.80	1013.80	1013.84	1013.85	1013.83	1013.84	1013.85	1013.87	1013.89	1013.87	1013.81	1013.84
	1	1013.77	1013.72	1013.68	1013.66	1013.62	1013.63	1013.66	1013.66	1013.66	1013.67	1013.68	1013.73	1013.68
	2	1013.77	1013.78	1013.76	1013.74	1013.73	1013.72	1013.73	1013.72	1013.73	1013.75	1013.73	1013.72	1013.74
	3	1013.73	1013.72	1013.71	1013.71	1013.71	1013.73	1013.76	1013.77	1013.79	1013.80	1013.79	1013.81	1013.75
	4	1013.87	1013.93	1013.94	1013.97	1013.99	1014.00	1014.05	1014.10	1014.14	1014.17	1014.20	1014.19	1014.04
	5	1014.19	1014.22	1014.26	1014.28	1014.29	1014.32	1014.37	1014.40	1014.45	1014.52	1014.58	1014.64	1014.37
	6	1014.65	1014.66	1014.66	1014.65	1014.67	1014.68	1014.70	1014.73	1014.77	1014.82	1014.81	1014.83	1014.72
	7	1014.87	1014.89	1014.94	1014.97	1015.00	1015.03	1015.02	1015.00	1015.01	1014.96	1014.92	1014.93	1014.96
	8	1014.92	1014.90	1014.91	1014.91	1014.93	1014.97	1014.98	1014.96	1014.93	1014.90	1014.92	1014.95	1014.93
	9	1014.96	1014.96	1014.97	1014.96	1014.94	1014.96	1015.04	1015.03	1014.99	1015.02	1015.07	1015.09	1015.00
	10	1015.03	1014.99	1015.00	1015.07	1015.07	1015.04	1015.10	1015.05	1014.99	1015.03	1015.00	1014.92	1015.02
	11	1014.84	1014.82	1014.73	1014.60	1014.59	1014.55	1014.52	1014.52	1014.51	1014.52	1014.48	1014.45	1014.59
	12	1014.47	1014.50	1014.48	1014.44	1014.36	1014.34	1014.36	1014.34	1014.30	1014.22	1014.21	1014.25	1014.35
	13	1014.23	1014.17	1014.18	1014.20	1014.10	1014.05	1014.04	1013.99	1013.96	1013.93	1013.86	1013.79	1014.04
	14	1013.74	1013.75	1013.74	1013.64	1013.56	1013.54	1013.52	1013.45	1013.40	1013.44	1013.50	1013.44	1013.56
	15	1013.37	1013.38	1013.39	1013.39	1013.37	1013.35	1013.32	1013.26	1013.22	1013.25	1013.31	1013.32	1013.33
	16	1013.32	1013.31	1013.28	1013.28	1013.25	1013.20	1013.16	1013.15	1013.17	1013.22	1013.27	1013.28	1013.24
	17	1013.33	1013.39	1013.42	1013.49	1013.52	1013.52	1013.54	1013.60	1013.63	1013.65	1013.69	1013.71	1013.54
	18	1013.75	1013.76	1013.78	1013.81	1013.85	1013.87	1013.88	1013.91	1013.96	1014.00	1014.06	1014.14	1013.89
	19	1014.16	1014.17	1014.19	1014.21	1014.23	1014.28	1014.34	1014.41	1014.50	1014.63	1014.77	1014.85	1014.39
	20	1014.85	1014.79	1014.76	1014.78	1014.81	1014.87	1014.86	1014.81	1014.79	1014.73	1014.71	1014.77	1014.79
	21	1014.82	1014.85	1014.85	1014.83	1014.84	1014.89	1014.95	1015.01	1015.04	1015.03	1015.05	1015.06	1014.93
	22	1015.03	1015.05	1015.14	1015.25	1015.32	1015.39	1015.41	1015.44	1015.52	1015.57	1015.56	1015.51	1015.35
	23	1015.42	1015.36	1015.35	1015.32	1015.28	1015.20	1015.14	1015.14	1015.14	1015.12	1015.11	1015.13	1015.22
18	0	1015.20	1015.20	1015.17	1015.14	1015.11	1015.08	1015.07	1015.10	1015.14	1015.15	1015.14	1015.15	1015.13
	1	1015.10	1015.04	1015.03	1015.09	1015.17	1015.19	1015.19	1015.19	1015.15	1015.12	1015.06	1015.02	1015.11
	2	1015.02	1014.98	1014.95	1014.91	1014.90	1014.90	1014.91	1014.90	1014.87	1014.81	1014.71	1014.64	1014.87
	3	1014.63	1014.64	1014.63	1014.66	1014.71	1014.74	1014.74	1014.74	1014.79	1014.83	1014.83	1014.90	1014.74
	4	1014.97	1015.02	1015.03	1015.04	1015.06	1015.07	1015.09	1015.12	1015.08	1015.04	1015.07	1015.13	1015.06
	5	1015.19	1015.21	1015.27	1015.31	1015.31	1015.36	1015.41	1015.46	1015.54	1015.59	1015.64	1015.70	1015.41
	6	1015.75	1015.75	1015.73	1015.75	1015.83	1015.90	1015.94	1016.00	1016.05	1016.08	1016.13	1016.16	1015.92
	7	1016.19	1016.26	1016.27	1016.21	1016.17	1016.18	1016.20	1016.25	1016.30	1016.32	1016.27	1016.19	1016.23
	8	1016.11	1015.97	1015.86	1015.79	1015.71	1015.67	1015.61	1015.54	1015.47	1015.43	1015.39	1015.33	1015.65
	9	1015.27	1015.19	1015.09	1015.04	1015.05	1015.07	1015.07	1015.00	1014.86	1014.71	1014.57	1014.48	1014.95
	10	1014.43	1014.36	1014.26	1014.15	1014.06	1014.03	1014.11	1014.22	1014.29	1014.30	1014.33	1014.39	1014.24
	11	1014.36	1014.28	1014.33	1014.41	1014.42	1014.44	1014.45	1014.49	1014.57	1014.67	1014.72	1014.66	1014.48
	12	1014.64	1014.68	1014.71	1014.67	1014.54	1014.51	1014.57	1014.66	1014.75	1014.81	1014.85	1014.93	1014.69
	13	1015.04	1015.09	1015.03	1014.98	1015.01	1015.08	1015.08	1015.03	1015.03	1015.07	1015.05	1015.05	1015.04
	14	1015.07	1015.07	1015.01	1014.95	1014.88	1014.80	1014.77	1014.75	1014.79	1014.78	1014.73	1014.73	1014.86
	15	1014.71	1014.66	1014.68	1014.71	1014.69	1014.64	1014.58	1014.54	1014.56	1014.60	1014.58	1014.55	1014.62
	16	1014.51	1014.44	1014.43	1014.40	1014.36	1014.37	1014.36	1014.32	1014.29	1014.28	1014.25	1014.19	1014.35
	17	1014.14	1014.09	1014.03	1014.01	1014.06	1014.09	1014.09	1014.13	1014.12	1014.06	1014.00	1013.94	1014.06
	18	1013.92	1013.93	1013.96	1013.97	1013.97	1013.98	1014.03	1014.12	1014.18	1014.19	1014.25	1014.29	1014.07
	19	1014.27	1014.31	1014.37	1014.43	1014.46	1014.44	1014.41	1014.45	1014.50	1014.54	1014.64	1014.76	1014.46
	20	1014.90	1014.97	1015.03	1015.08	1015.10	1015.09	1015.06	1015.09	1015.08	1015.04	1015.01	1015.03	1015.04
	21	1015.11	1015.17	1015.21	1015.22	1015.22	1015.20	1015.17	1015.13	1015.11	1015.09	1015.08	1015.12	1015.15
	22	1015.12	1015.07	1015.03	1015.03	1015.02	1015.02	1015.09	1015.16	1015.16	1015.12	1015.13	1015.15	1015.09
	23	1015.12	1015.09	1015.11	1015.13	1015.13	1015.11	1015.06	1014.99	1014.96	1014.95	1014.94	1014.90	1015.04

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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
19	0	1014.84	1014.84	1014.80	1014.70	1014.66	1014.72	1014.75	1014.72	1014.68	1014.61	1014.55	1014.52	1014.69
	1	1014.47	1014.45	1014.43	1014.41	1014.42	1014.42	1014.39	1014.31	1014.23	1014.24	1014.30	1014.33	1014.37
	2	1014.29	1014.24	1014.22	1014.18	1014.11	1014.03	1014.00	1014.04	1014.05	1014.04	1014.08	1014.14	1014.12
	3	1014.18	1014.21	1014.25	1014.27	1014.24	1014.20	1014.22	1014.30	1014.38	1014.45	1014.53	1014.59	1014.32
	4	1014.63	1014.67	1014.71	1014.78	1014.86	1014.90	1014.94	1014.99	1015.04	1015.07	1015.10	1015.13	1014.90
	5	1015.15	1015.20	1015.25	1015.26	1015.30	1015.31	1015.34	1015.33	1015.31	1015.32	1015.34	1015.39	1015.29
	6	1015.42	1015.42	1015.42	1015.43	1015.44	1015.43	1015.40	1015.38	1015.38	1015.39	1015.33	1015.29	1015.39
	7	1015.29	1015.26	1015.16	1015.08	1015.05	1014.98	1014.90	1014.82	1014.78	1014.72	1014.66	1014.61	1014.94
	8	1014.58	1014.52	1014.43	1014.39	1014.35	1014.28	1014.26	1014.27	1014.24	1014.21	1014.19	1014.23	1014.33
	9	1014.24	1014.23	1014.24	1014.26	1014.30	1014.32	1014.30	1014.28	1014.28	1014.29	1014.30	1014.29	1014.28
	10	1014.22	1014.17	1014.21	1014.22	1014.19	1014.15	1014.14	1014.15	1014.11	1014.07	1014.04	1014.08	1014.14
	11	1014.11	1014.08	1014.08	1014.10	1014.14	1014.18	1014.22	1014.20	1014.19	1014.19	1014.19	1014.18	1014.15
	12	1014.19	1014.24	1014.27	1014.28	1014.28	1014.27	1014.23	1014.22	1014.24	1014.24	1014.24	1014.23	1014.24
	13	1014.20	1014.19	1014.14	1014.07	1014.04	1014.01	1013.98	1013.93	1013.90	1013.84	1013.78	1013.68	1013.98
	14	1013.59	1013.52	1013.40	1013.34	1013.39	1013.47	1013.48	1013.44	1013.36	1013.31	1013.28	1013.19	1013.39
	15	1013.14	1013.17	1013.14	1013.06	1013.00	1012.96	1012.89	1012.78	1012.88	1013.12	1013.31	1013.45	1013.07
	16	1013.48	1013.52	1013.55	1013.50	1013.49	1013.53	1013.54	1013.53	1013.54	1013.51	1013.33	1013.05	1013.46
	17	1012.79	1012.77	1012.95	1013.06	1013.29	1013.60	1013.78	1013.77	1013.63	1013.62	1013.61	1013.57	1013.37
	18	1013.54	1013.53	1013.57	1013.63	1013.69	1013.78	1013.85	1013.88	1013.88	1013.88	1013.88	1013.88	1013.75
	19	1013.92	1013.97	1014.05	1014.12	1014.18	1014.19	1014.16	1014.18	1014.18	1014.13	1014.15	1014.21	1014.12
	20	1014.29	1014.35	1014.42	1014.49	1014.50	1014.46	1014.45	1014.52	1014.55	1014.49	1014.43	1014.43	1014.45
	21	1014.45	1014.43	1014.38	1014.40	1014.39	1014.28	1014.17	1014.05	1013.93	1013.85	1013.80	1013.77	1014.16
	22	1013.71	1013.74	1013.72	1013.58	1013.69	1013.82	1013.73	1013.67	1013.56	1013.47	1013.43	1013.47	1013.63
	23	1013.54	1013.49	1013.47	1013.45	1013.39	1013.32	1013.26	1013.16	1013.05	1013.02	1013.04	1013.05	1013.27
20	0	1012.96	1012.97	1012.98	1012.94	1012.87	1012.80	1012.78	1012.74	1012.66	1012.61	1012.62	1012.63	1012.79
	1	1012.58	1012.58	1012.60	1012.63	1012.59	1012.52	1012.46	1012.36	1012.33	1012.33	1012.27	1012.23	1012.45
	2	1012.24	1012.28	1012.30	1012.34	1012.37	1012.36	1012.35	1012.30	1012.27	1012.24	1012.15	1012.04	1012.27
	3	1012.03	1012.06	1012.06	1012.05	1012.00	1011.92	1011.83	1011.82	1011.90	1011.96	1012.00	1011.97	1011.96
	4	1011.91	1011.83	1011.67	1011.50	1011.50	1011.81	1012.23	1012.52	1012.67	1012.70	1012.55	1012.40	1012.11
	5	1012.38	1012.41	1012.43	1012.45	1012.46	1012.42	1012.36	1012.30	1012.33	1012.39	1012.26	1011.95	1012.34
	6	1011.81	1011.89	1011.97	1012.05	1012.08	1012.12	1012.15	1012.21	1012.31	1012.34	1012.34	1012.32	1012.13
	7	1012.24	1012.18	1012.23	1012.36	1012.49	1012.52	1012.46	1012.42	1012.43	1012.47	1012.52	1012.57	1012.41
	8	1012.62	1012.57	1012.44	1012.30	1012.21	1012.14	1012.09	1012.08	1012.07	1012.05	1011.99	1011.88	1012.20
	9	1011.82	1011.75	1011.65	1011.59	1011.52	1011.42	1011.32	1011.27	1011.23	1011.21	1011.20	1011.21	1011.43
	10	1011.30	1011.41	1011.50	1011.56	1011.57	1011.56	1011.58	1011.58	1011.57	1011.54	1011.51	1011.53	1011.51
	11	1011.55	1011.49	1011.41	1011.38	1011.35	1011.32	1011.35	1011.47	1011.63	1011.73	1011.73	1011.70	1011.51
	12	1011.63	1011.54	1011.48	1011.42	1011.42	1011.44	1011.44	1011.52	1011.57	1011.58	1011.66	1011.71	1011.53
	13	1011.68	1011.65	1011.56	1011.44	1011.36	1011.30	1011.19	1011.06	1010.95	1010.85	1010.79	1010.81	1011.22
	14	1010.79	1010.76	1010.68	1010.57	1010.46	1010.31	1010.15	1009.89	1009.60	1009.26	1008.86	1008.65	1010.00
	15	1008.53	1008.27	1007.96	1007.71	1007.51	1007.36	1007.33	1007.38	1007.39	1007.33	1007.38	1007.46	1007.63
	16	1007.27	1006.95	1006.69	1006.52	1006.38	1006.20	1006.06	1006.06	1006.12	1006.13	1006.02	1005.94	1006.36
	17	1006.00	1006.16	1006.28	1006.33	1006.27	1006.22	1006.27	1006.33	1006.31	1006.23	1006.19	1006.16	1006.23
	18	1006.19	1006.25	1006.28	1006.31	1006.36	1006.37	1006.31	1006.26	1006.23	1006.21	1006.22	1006.16	1006.26
	19	1006.03	1005.90	1005.69	1005.51	1005.50	1005.52	1005.50	1005.45	1005.47	1005.55	1005.60	1005.62	1005.61
	20	1005.61	1005.66	1005.66	1005.60	1005.53	1005.45	1005.28	1005.01	1004.85	1004.72	1004.59	1004.28	1005.18
	21	1003.85	1003.63	1003.50	1003.46	1003.58	1003.95	1004.30	1004.39	1004.37	1004.29	1004.13	1004.07	1003.96
	22	1004.07	1004.04	1003.96	1004.02	1004.26	1004.40	1004.38	1004.22	1004.09	1004.05	1004.08	1004.04	1004.13
	23	1004.01	1004.17	1004.35	1004.49	1004.60	1004.70	1004.76	1004.76	1004.70	1004.59	1004.62	1004.70	1004.54

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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	1004.33	1004.31	1004.23	1004.15	1004.17	1004.22	1004.07	1004.01	1004.23	1004.34	1004.20	1004.10	1004.19
	1	1004.05	1003.94	1003.89	1003.73	1003.42	1003.26	1003.31	1003.24	1003.08	1002.87	1002.65	1002.57	1003.33
	2	1002.49	1002.28	1002.14	1001.99	1001.73	1001.54	1001.40	1001.20	1001.03	1000.93	1000.88	1000.89	1001.54
	3	1000.92	1000.95	1001.04	1001.07	1001.03	1001.12	1001.22	1001.27	1001.34	1001.40	1001.40	1001.32	1001.17
	4	1001.35	1001.42	1001.41	1001.42	1001.39	1001.41	1001.40	1001.38	1001.44	1001.49	1001.47	1001.41	1001.41
	5	1001.39	1001.38	1001.37	1001.44	1001.51	1001.52	1001.52	1001.47	1001.44	1001.43	1001.45	1001.51	1001.45
	6	1001.56	1001.56	1001.48	1001.45	1001.51	1001.62	1001.74	1001.86	1001.95	1001.93	1001.90	1001.91	1001.70
	7	1001.93	1001.98	1002.00	1002.05	1002.09	1002.08	1002.14	1002.40	1002.57	1002.58	1002.64	1002.72	1002.26
	8	1002.82	1002.91	1002.98	1003.04	1003.15	1003.28	1003.42	1003.52	1003.56	1003.59	1003.62	1003.67	1003.29
	9	1003.71	1003.80	1003.90	1003.90	1003.90	1003.98	1004.10	1004.19	1004.24	1004.30	1004.36	1004.37	1004.06
	10	1004.36	1004.39	1004.46	1004.55	1004.60	1004.64	1004.69	1004.73	1004.75	1004.77	1004.79	1004.84	1004.63
	11	1004.88	1004.86	1004.85	1004.84	1004.82	1004.82	1004.80	1004.72	1004.62	1004.58	1004.54	1004.49	1004.73
	12	1004.50	1004.51	1004.51	1004.47	1004.45	1004.45	1004.47	1004.48	1004.48	1004.42	1004.39	1004.45	1004.46
	13	1004.45	1004.45	1004.45	1004.44	1004.43	1004.45	1004.47	1004.49	1004.57	1004.61	1004.61	1004.58	1004.50
	14	1004.56	1004.59	1004.64	1004.71	1004.77	1004.79	1004.81	1004.82	1004.80	1004.81	1004.85	1004.86	1004.75
	15	1004.85	1004.83	1004.83	1004.85	1004.88	1004.87	1004.83	1004.81	1004.79	1004.81	1004.85	1004.88	1004.84
	16	1004.88	1004.88	1004.87	1004.83	1004.82	1004.85	1004.90	1004.99	1005.10	1005.16	1005.17	1005.18	1004.97
	17	1005.25	1005.33	1005.37	1005.35	1005.25	1005.17	1005.14	1005.09	1005.07	1005.09	1005.11	1005.13	1005.19
	18	1005.16	1005.21	1005.27	1005.37	1005.44	1005.50	1005.54	1005.53	1005.53	1005.51	1005.44	1005.50	1005.41
	19	1005.71	1005.84	1005.90	1006.07	1006.17	1006.14	1006.17	1006.31	1006.54	1006.68	1006.66	1006.69	1006.24
	20	1006.72	1006.62	1006.57	1006.62	1006.65	1006.64	1006.65	1006.61	1006.61	1006.68	1006.72	1006.69	1006.65
	21	1006.64	1006.63	1006.59	1006.48	1006.36	1006.28	1006.24	1006.23	1006.23	1006.27	1006.36	1006.45	1006.39
	22	1006.54	1006.55	1006.48	1006.51	1006.62	1006.54	1006.40	1006.41	1006.48	1006.44	1006.33	1006.31	1006.47
	23	1006.28	1006.25	1006.22	1006.21	1006.22	1006.26	1006.30	1006.34	1006.32	1006.26	1006.19	1006.13	1006.25
22	0	1006.07	1006.09	1006.07	1006.02	1005.98	1005.92	1005.92	1005.90	1005.85	1005.87	1005.85	1005.83	1005.94
	1	1005.82	1005.79	1005.78	1005.82	1005.82	1005.73	1005.75	1005.80	1005.82	1005.83	1005.83	1005.82	1005.80
	2	1005.80	1005.81	1005.83	1005.82	1005.78	1005.74	1005.71	1005.66	1005.58	1005.51	1005.49	1005.47	1005.68
	3	1005.43	1005.42	1005.43	1005.46	1005.48	1005.45	1005.43	1005.38	1005.32	1005.30	1005.30	1005.28	1005.39
	4	1005.29	1005.31	1005.35	1005.38	1005.38	1005.39	1005.44	1005.48	1005.48	1005.45	1005.43	1005.45	1005.40
	5	1005.46	1005.45	1005.46	1005.49	1005.48	1005.50	1005.56	1005.57	1005.51	1005.42	1005.38	1005.37	1005.47
	6	1005.35	1005.40	1005.49	1005.49	1005.47	1005.50	1005.56	1005.61	1005.61	1005.60	1005.57	1005.53	1005.51
	7	1005.48	1005.41	1005.34	1005.30	1005.25	1005.26	1005.33	1005.35	1005.34	1005.35	1005.31	1005.29	1005.33
	8	1005.34	1005.44	1005.53	1005.59	1005.62	1005.64	1005.63	1005.59	1005.57	1005.63	1005.66	1005.66	1005.57
	9	1005.68	1005.69	1005.69	1005.68	1005.66	1005.65	1005.67	1005.72	1005.75	1005.73	1005.73	1005.75	1005.70
	10	1005.83	1005.88	1005.90	1005.96	1005.99	1005.98	1005.94	1005.93	1005.99	1006.04	1006.06	1006.05	1005.96
	11	1006.02	1005.99	1006.00	1006.00	1006.08	1006.11	1006.04	1006.13	1006.23	1006.25	1006.28	1006.28	1006.12
	12	1006.26	1006.23	1006.19	1006.18	1006.16	1006.15	1006.15	1006.15	1006.20	1006.26	1006.33	1006.43	1006.22
	13	1006.47	1006.46	1006.46	1006.49	1006.53	1006.57	1006.63	1006.68	1006.73	1006.76	1006.78	1006.82	1006.61
	14	1006.87	1006.94	1006.98	1007.02	1007.05	1007.06	1007.04	1006.97	1006.93	1006.96	1006.99	1006.99	1006.98
	15	1006.97	1006.99	1007.05	1007.12	1007.17	1007.20	1007.20	1007.22	1007.25	1007.25	1007.22	1007.23	1007.15
	16	1007.25	1007.28	1007.27	1007.23	1007.26	1007.30	1007.31	1007.33	1007.35	1007.36	1007.38	1007.42	1007.31
	17	1007.48	1007.53	1007.58	1007.63	1007.68	1007.74	1007.77	1007.81	1007.86	1007.89	1007.94	1008.01	1007.74
	18	1008.10	1008.21	1008.31	1008.39	1008.47	1008.53	1008.62	1008.70	1008.72	1008.72	1008.76	1008.84	1008.53
	19	1008.94	1009.02	1009.09	1009.13	1009.17	1009.25	1009.33	1009.35	1009.35	1009.37	1009.38	1009.37	1009.23
	20	1009.37	1009.38	1009.41	1009.43	1009.46	1009.54	1009.63	1009.66	1009.67	1009.72	1009.78	1009.83	1009.57
	21	1009.89	1009.92	1009.93	1009.95	1009.95	1009.96	1009.98	1010.00	1010.01	1009.99	1009.98	1010.01	1009.96
	22	1010.03	1010.05	1010.09	1010.14	1010.18	1010.15	1010.10	1010.05	1010.01	1010.00	1009.98	1010.00	1010.06
	23	1010.01	1010.01	1010.03	1010.01	1009.99	1009.95	1009.90	1009.89	1009.91	1009.92	1009.92	1009.93	1009.95

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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	1009.89	1009.88	1009.85	1009.82	1009.81	1009.80	1009.77	1009.77	1009.78	1009.75	1009.76	1009.79	1009.80
	1	1009.78	1009.78	1009.80	1009.81	1009.81	1009.83	1009.82	1009.81	1009.84	1009.85	1009.85	1009.87	1009.82
	2	1009.90	1009.90	1009.84	1009.81	1009.85	1009.88	1009.86	1009.88	1009.95	1009.99	1010.02	1010.08	1009.91
	3	1010.14	1010.16	1010.19	1010.22	1010.20	1010.24	1010.26	1010.23	1010.27	1010.36	1010.42	1010.48	1010.26
	4	1010.56	1010.63	1010.65	1010.64	1010.66	1010.66	1010.66	1010.75	1010.85	1010.93	1010.95	1010.93	1010.74
	5	1010.91	1010.91	1010.94	1010.95	1010.99	1011.01	1011.03	1011.11	1011.25	1011.30	1011.27	1011.29	1011.08
	6	1011.32	1011.32	1011.30	1011.31	1011.31	1011.32	1011.33	1011.34	1011.37	1011.43	1011.42	1011.40	1011.34
	7	1011.42	1011.42	1011.39	1011.38	1011.38	1011.38	1011.41	1011.43	1011.44	1011.45	1011.46	1011.47	1011.42
	8	1011.49	1011.50	1011.49	1011.51	1011.55	1011.61	1011.66	1011.71	1011.74	1011.77	1011.79	1011.81	1011.63
	9	1011.83	1011.84	1011.87	1011.93	1011.96	1011.97	1011.96	1011.94	1011.95	1011.95	1011.94	1011.92	1011.92
	10	1011.89	1011.86	1011.83	1011.82	1011.82	1011.81	1011.77	1011.72	1011.67	1011.63	1011.65	1011.65	1011.76
	11	1011.62	1011.62	1011.66	1011.65	1011.58	1011.57	1011.56	1011.52	1011.51	1011.55	1011.59	1011.62	1011.58
	12	1011.63	1011.62	1011.62	1011.63	1011.64	1011.67	1011.70	1011.70	1011.66	1011.60	1011.54	1011.51	1011.62
	13	1011.55	1011.60	1011.62	1011.62	1011.62	1011.65	1011.66	1011.70	1011.75	1011.78	1011.78	1011.75	1011.67
	14	1011.72	1011.73	1011.79	1011.87	1011.90	1011.89	1011.89	1011.91	1011.94	1011.96	1011.97	1011.96	1011.88
	15	1011.94	1011.91	1011.89	1011.91	1011.95	1011.98	1011.98	1012.00	1012.01	1012.00	1011.98	1011.96	1011.96
	16	1011.93	1011.93	1011.97	1011.98	1011.98	1012.03	1012.09	1012.16	1012.21	1012.24	1012.27	1012.26	1012.09
	17	1012.25	1012.26	1012.27	1012.29	1012.26	1012.23	1012.23	1012.25	1012.25	1012.23	1012.27	1012.32	1012.26
	18	1012.37	1012.41	1012.39	1012.35	1012.38	1012.40	1012.34	1012.31	1012.31	1012.37	1012.50	1012.61	1012.39
	19	1012.71	1012.75	1012.72	1012.81	1012.96	1013.05	1013.15	1013.25	1013.30	1013.28	1013.28	1013.35	1013.05
	20	1013.42	1013.43	1013.35	1013.27	1013.22	1013.22	1013.23	1013.13	1013.09	1013.23	1013.36	1013.42	1013.28
	21	1013.47	1013.47	1013.46	1013.43	1013.42	1013.39	1013.37	1013.42	1013.45	1013.37	1013.30	1013.30	1013.40
	22	1013.34	1013.35	1013.32	1013.24	1013.16	1013.10	1013.11	1013.12	1013.06	1013.04	1012.98	1012.96	1013.15
	23	1012.97	1012.94	1012.91	1012.89	1012.87	1012.86	1012.81	1012.75	1012.70	1012.69	1012.71	1012.72	1012.82
24	0	1012.59	1012.56	1012.50	1012.41	1012.34	1012.34	1012.39	1012.43	1012.43	1012.39	1012.34	1012.33	1012.41
	1	1012.33	1012.30	1012.28	1012.23	1012.19	1012.20	1012.21	1012.21	1012.21	1012.19	1012.19	1012.21	1012.23
	2	1012.23	1012.20	1012.12	1012.05	1012.04	1012.08	1012.13	1012.14	1012.16	1012.14	1012.05	1012.01	1012.11
	3	1011.97	1011.91	1011.92	1011.95	1011.96	1011.96	1011.99	1012.03	1012.09	1012.14	1012.17	1012.20	1012.02
	4	1012.21	1012.26	1012.35	1012.41	1012.38	1012.35	1012.37	1012.36	1012.36	1012.36	1012.34	1012.34	1012.34
	5	1012.38	1012.42	1012.38	1012.38	1012.41	1012.39	1012.32	1012.30	1012.35	1012.34	1012.31	1012.33	1012.36
	6	1012.37	1012.39	1012.41	1012.41	1012.43	1012.43	1012.49	1012.49	1012.44	1012.41	1012.39	1012.40	1012.42
	7	1012.39	1012.34	1012.32	1012.30	1012.24	1012.23	1012.25	1012.24	1012.19	1012.19	1012.21	1012.25	1012.26
	8	1012.27	1012.29	1012.28	1012.27	1012.28	1012.29	1012.31	1012.28	1012.25	1012.26	1012.30	1012.32	1012.28
	9	1012.35	1012.38	1012.37	1012.36	1012.36	1012.35	1012.33	1012.31	1012.31	1012.33	1012.36	1012.40	1012.35
	10	1012.41	1012.42	1012.40	1012.39	1012.37	1012.31	1012.28	1012.28	1012.30	1012.32	1012.29	1012.22	1012.33
	11	1012.19	1012.17	1012.15	1012.12	1012.11	1012.13	1012.17	1012.19	1012.13	1012.10	1012.07	1012.12	1012.14
	12	1012.18	1012.15	1012.16	1012.17	1012.16	1012.15	1012.13	1012.14	1012.17	1012.21	1012.21	1012.20	1012.17
	13	1012.22	1012.22	1012.19	1012.16	1012.13	1012.11	1012.10	1012.10	1012.08	1012.08	1012.07	1012.05	1012.12
	14	1012.04	1012.06	1012.06	1012.04	1012.04	1012.04	1012.03	1012.00	1011.95	1011.88	1011.84	1011.83	1011.98
	15	1011.81	1011.78	1011.76	1011.80	1011.82	1011.79	1011.74	1011.67	1011.62	1011.62	1011.67	1011.68	1011.73
	16	1011.65	1011.63	1011.61	1011.60	1011.60	1011.55	1011.50	1011.51	1011.53	1011.54	1011.55	1011.58	1011.57
	17	1011.60	1011.61	1011.59	1011.57	1011.56	1011.54	1011.57	1011.60	1011.64	1011.72	1011.78	1011.86	1011.64
	18	1011.98	1012.06	1012.08	1012.09	1012.10	1012.15	1012.19	1012.21	1012.22	1012.24	1012.29	1012.33	1012.16
	19	1012.37	1012.45	1012.52	1012.57	1012.66	1012.77	1012.90	1013.00	1013.07	1013.13	1013.14	1013.17	1012.81
	20	1013.21	1013.20	1013.17	1013.12	1013.09	1013.10	1013.11	1013.12	1013.11	1013.09	1013.08	1013.08	1013.12
	21	1013.06	1013.03	1013.02	1013.04	1013.08	1013.08	1013.06	1013.07	1013.07	1013.01	1012.97	1012.96	1013.04
	22	1012.96	1012.95	1012.94	1013.01	1013.05	1013.04	1013.01	1013.06	1013.12	1013.08	1013.05	1012.98	1013.02
	23	1012.90	1012.91	1012.97	1012.90	1012.80	1012.79	1012.77	1012.79	1012.84	1012.88	1012.85	1012.78	1012.85

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
25	0	1012.83	1012.81	1012.82	1012.80	1012.71	1012.70	1012.68	1012.65	1012.64	1012.66	1012.60	1012.56	1012.70
	1	1012.54	1012.54	1012.56	1012.50	1012.49	1012.51	1012.51	1012.48	1012.50	1012.51	1012.44	1012.39	1012.49
	2	1012.35	1012.33	1012.29	1012.27	1012.29	1012.26	1012.27	1012.27	1012.28	1012.34	1012.37	1012.42	1012.31
	3	1012.45	1012.39	1012.31	1012.26	1012.26	1012.32	1012.40	1012.41	1012.47	1012.56	1012.60	1012.63	1012.42
	4	1012.61	1012.55	1012.52	1012.54	1012.58	1012.56	1012.55	1012.56	1012.58	1012.59	1012.60	1012.62	1012.57
	5	1012.65	1012.68	1012.71	1012.74	1012.74	1012.75	1012.77	1012.75	1012.73	1012.73	1012.73	1012.74	1012.72
	6	1012.76	1012.82	1012.88	1012.89	1012.89	1012.88	1012.86	1012.85	1012.86	1012.86	1012.84	1012.82	1012.85
	7	1012.83	1012.83	1012.80	1012.77	1012.75	1012.75	1012.72	1012.68	1012.66	1012.65	1012.65	1012.66	1012.73
	8	1012.67	1012.69	1012.69	1012.69	1012.68	1012.66	1012.65	1012.65	1012.65	1012.62	1012.59	1012.57	1012.65
	9	1012.54	1012.54	1012.52	1012.50	1012.49	1012.48	1012.48	1012.45	1012.42	1012.38	1012.32	1012.29	1012.45
	10	1012.26	1012.22	1012.21	1012.20	1012.19	1012.19	1012.18	1012.17	1012.14	1012.10	1012.05	1012.01	1012.16
	11	1012.01	1012.02	1011.98	1011.95	1011.93	1011.92	1011.90	1011.89	1011.87	1011.89	1011.93	1011.92	1011.93
	12	1011.86	1011.85	1011.88	1011.90	1011.89	1011.91	1011.94	1011.92	1011.89	1011.86	1011.83	1011.79	1011.87
	13	1011.78	1011.76	1011.71	1011.67	1011.64	1011.60	1011.56	1011.53	1011.50	1011.48	1011.48	1011.51	1011.60
	14	1011.53	1011.52	1011.48	1011.47	1011.51	1011.55	1011.56	1011.54	1011.54	1011.55	1011.53	1011.54	1011.52
	15	1011.56	1011.60	1011.60	1011.56	1011.52	1011.49	1011.49	1011.51	1011.51	1011.54	1011.59	1011.64	1011.55
	16	1011.65	1011.63	1011.61	1011.64	1011.72	1011.80	1011.85	1011.89	1011.91	1011.94	1011.98	1012.05	1011.80
	17	1012.11	1012.17	1012.22	1012.26	1012.30	1012.36	1012.40	1012.41	1012.45	1012.48	1012.51	1012.54	1012.35
	18	1012.55	1012.57	1012.61	1012.60	1012.59	1012.65	1012.72	1012.75	1012.76	1012.82	1012.90	1012.91	1012.70
	19	1012.90	1012.93	1012.96	1012.96	1013.00	1013.06	1013.08	1013.10	1013.12	1013.15	1013.15	1013.14	1013.04
	20	1013.19	1013.28	1013.29	1013.26	1013.25	1013.27	1013.31	1013.36	1013.41	1013.51	1013.59	1013.64	1013.36
	21	1013.69	1013.74	1013.70	1013.66	1013.71	1013.77	1013.76	1013.73	1013.73	1013.71	1013.75	1013.79	1013.73
	22	1013.75	1013.71	1013.72	1013.78	1013.75	1013.69	1013.72	1013.73	1013.64	1013.59	1013.56	1013.49	1013.67
	23	1013.46	1013.52	1013.59	1013.65	1013.69	1013.72	1013.75	1013.76	1013.67	1013.60	1013.60	1013.58	1013.63
26	0	1013.49	1013.50	1013.52	1013.51	1013.48	1013.49	1013.50	1013.49	1013.46	1013.39	1013.33	1013.30	1013.45
	1	1013.30	1013.34	1013.38	1013.40	1013.38	1013.33	1013.30	1013.33	1013.35	1013.33	1013.32	1013.28	1013.33
	2	1013.24	1013.23	1013.23	1013.25	1013.23	1013.18	1013.16	1013.19	1013.24	1013.27	1013.27	1013.23	1013.22
	3	1013.21	1013.23	1013.28	1013.31	1013.35	1013.38	1013.41	1013.46	1013.51	1013.56	1013.63	1013.69	1013.42
	4	1013.71	1013.68	1013.67	1013.69	1013.72	1013.74	1013.74	1013.76	1013.80	1013.85	1013.86	1013.88	1013.76
	5	1013.90	1013.94	1013.98	1013.98	1014.00	1014.01	1014.02	1014.02	1014.00	1014.00	1014.01	1014.00	1013.98
	6	1014.04	1014.13	1014.16	1014.14	1014.12	1014.11	1014.12	1014.14	1014.14	1014.12	1014.08	1014.06	1014.11
	7	1014.06	1014.04	1013.99	1013.94	1013.92	1013.92	1013.90	1013.91	1013.95	1013.95	1013.92	1013.90	1013.95
	8	1013.91	1013.92	1013.92	1013.94	1013.94	1013.93	1013.92	1013.89	1013.86	1013.86	1013.88	1013.84	1013.90
	9	1013.78	1013.75	1013.76	1013.78	1013.76	1013.72	1013.68	1013.68	1013.68	1013.66	1013.62	1013.60	1013.70
	10	1013.61	1013.68	1013.70	1013.65	1013.65	1013.65	1013.61	1013.60	1013.59	1013.56	1013.57	1013.52	1013.61
	11	1013.52	1013.60	1013.63	1013.65	1013.72	1013.78	1013.76	1013.72	1013.70	1013.71	1013.67	1013.58	1013.67
	12	1013.48	1013.51	1013.63	1013.62	1013.60	1013.63	1013.64	1013.57	1013.48	1013.43	1013.43	1013.44	1013.54
	13	1013.43	1013.42	1013.39	1013.36	1013.32	1013.19	1013.07	1013.03	1013.06	1013.16	1013.26	1013.28	1013.25
	14	1013.22	1013.16	1013.18	1013.28	1013.31	1013.27	1013.25	1013.23	1013.20	1013.21	1013.30	1013.70	1013.27
	15	1014.00	1014.07	1014.23	1014.29	1014.23	1014.11	1014.03	1013.99	1013.93	1013.86	1013.84	1013.93	1014.04
	16	1014.07	1014.16	1014.17	1014.23	1014.31	1014.39	1014.60	1014.62	1014.62	1014.82	1014.80	1014.65	1014.45
	17	1014.60	1014.59	1014.60	1014.71	1014.81	1014.79	1014.70	1014.57	1014.47	1014.44	1014.45	1014.45	1014.60
	18	1014.46	1014.50	1014.53	1014.52	1014.52	1014.56	1014.63	1014.72	1014.78	1014.80	1014.84	1014.83	1014.64
	19	1014.75	1014.72	1014.76	1014.80	1014.88	1014.96	1015.01	1015.07	1015.12	1015.16	1015.21	1015.23	1014.97
	20	1015.26	1015.31	1015.34	1015.39	1015.43	1015.46	1015.48	1015.47	1015.47	1015.49	1015.50	1015.52	1015.42
	21	1015.58	1015.67	1015.74	1015.77	1015.78	1015.82	1015.84	1015.88	1015.92	1015.93	1015.87	1015.77	1015.80
	22	1015.67	1015.67	1015.74	1015.78	1015.76	1015.76	1015.76	1015.74	1015.70	1015.69	1015.71	1015.69	1015.72
	23	1015.63	1015.56	1015.54	1015.54	1015.54	1015.52	1015.53	1015.53	1015.52	1015.51	1015.46	1015.42	1015.52

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day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
27	0	1015.50	1015.47	1015.45	1015.48	1015.52	1015.55	1015.53	1015.55	1015.60	1015.62	1015.61	1015.60	1015.54
	1	1015.54	1015.44	1015.37	1015.31	1015.27	1015.28	1015.29	1015.32	1015.32	1015.24	1015.16	1015.12	1015.30
	2	1015.09	1015.06	1015.07	1015.04	1014.97	1014.95	1014.95	1014.93	1014.89	1014.89	1014.90	1014.89	1014.97
	3	1014.85	1014.83	1014.83	1014.82	1014.80	1014.79	1014.80	1014.81	1014.80	1014.80	1014.80	1014.76	1014.81
	4	1014.72	1014.71	1014.70	1014.69	1014.67	1014.65	1014.66	1014.69	1014.70	1014.74	1014.77	1014.79	1014.71
	5	1014.80	1014.81	1014.84	1014.86	1014.88	1014.90	1014.93	1014.97	1015.00	1015.04	1015.08	1015.09	1014.93
	6	1015.11	1015.16	1015.23	1015.32	1015.38	1015.39	1015.37	1015.30	1015.27	1015.26	1015.23	1015.19	1015.27
	7	1015.18	1015.18	1015.16	1015.17	1015.14	1015.12	1015.10	1015.09	1015.09	1015.07	1015.04	1015.01	1015.11
	8	1015.02	1015.05	1015.07	1015.08	1015.09	1015.10	1015.10	1015.08	1015.08	1015.02	1014.94	1014.92	1015.04
	9	1014.91	1014.88	1014.85	1014.86	1014.88	1014.88	1014.85	1014.81	1014.79	1014.77	1014.74	1014.71	1014.83
	10	1014.64	1014.58	1014.54	1014.52	1014.52	1014.53	1014.53	1014.55	1014.55	1014.55	1014.56	1014.58	1014.55
	11	1014.58	1014.58	1014.56	1014.54	1014.54	1014.54	1014.54	1014.48	1014.39	1014.36	1014.35	1014.33	1014.48
	12	1014.31	1014.29	1014.26	1014.22	1014.19	1014.18	1014.20	1014.16	1014.11	1014.08	1014.04	1014.04	1014.17
	13	1014.02	1013.97	1013.90	1013.83	1013.73	1013.64	1013.60	1013.56	1013.47	1013.42	1013.40	1013.43	1013.66
	14	1013.49	1013.52	1013.53	1013.50	1013.49	1013.50	1013.49	1013.47	1013.44	1013.39	1013.37	1013.35	1013.46
	15	1013.32	1013.30	1013.26	1013.22	1013.18	1013.17	1013.16	1013.13	1013.07	1013.05	1013.05	1013.06	1013.16
	16	1013.05	1013.00	1012.96	1012.94	1012.92	1012.88	1012.88	1012.87	1012.86	1012.85	1012.82	1012.80	1012.90
	17	1012.77	1012.75	1012.74	1012.76	1012.75	1012.77	1012.82	1012.85	1012.90	1012.96	1012.99	1013.03	1012.84
	18	1013.08	1013.11	1013.14	1013.19	1013.23	1013.25	1013.26	1013.30	1013.35	1013.40	1013.46	1013.50	1013.27
	19	1013.52	1013.52	1013.51	1013.53	1013.56	1013.62	1013.67	1013.69	1013.72	1013.78	1013.83	1013.85	1013.65
	20	1013.83	1013.82	1013.85	1013.90	1013.92	1013.93	1013.95	1013.94	1013.92	1013.94	1013.99	1014.03	1013.92
	21	1014.05	1014.01	1013.95	1013.95	1013.94	1013.91	1013.91	1013.91	1013.90	1013.89	1013.91	1013.91	1013.93
	22	1013.91	1013.88	1013.83	1013.79	1013.75	1013.73	1013.70	1013.68	1013.65	1013.62	1013.59	1013.58	1013.72
	23	1013.60	1013.61	1013.58	1013.57	1013.56	1013.54	1013.53	1013.50	1013.44	1013.42	1013.40	1013.38	1013.51
28	0	1013.37	1013.37	1013.32	1013.26	1013.28	1013.32	1013.31	1013.27	1013.23	1013.25	1013.32	1013.42	1013.30
	1	1013.42	1013.37	1013.37	1013.37	1013.33	1013.30	1013.25	1013.22	1013.22	1013.19	1013.17	1013.13	1013.28
	2	1013.09	1013.06	1013.03	1013.05	1013.07	1013.07	1013.07	1013.09	1013.12	1013.13	1013.11	1013.09	1013.08
	3	1013.10	1013.14	1013.16	1013.21	1013.27	1013.28	1013.31	1013.32	1013.33	1013.38	1013.41	1013.42	1013.28
	4	1013.45	1013.49	1013.49	1013.46	1013.39	1013.40	1013.48	1013.52	1013.56	1013.54	1013.52	1013.55	1013.49
	5	1013.53	1013.51	1013.50	1013.54	1013.63	1013.70	1013.75	1013.76	1013.79	1013.83	1013.85	1013.87	1013.69
	6	1013.88	1013.90	1013.92	1013.93	1013.92	1013.96	1013.97	1013.93	1013.91	1013.92	1013.90	1013.92	1013.92
	7	1014.00	1014.09	1014.16	1014.21	1014.21	1014.17	1014.14	1014.13	1014.12	1014.10	1014.10	1014.12	1014.13
	8	1014.11	1014.11	1014.11	1014.13	1014.17	1014.19	1014.22	1014.30	1014.43	1014.52	1014.56	1014.58	1014.28
	9	1014.62	1014.68	1014.78	1014.91	1015.01	1015.05	1015.07	1015.05	1015.01	1014.99	1014.99	1015.03	1014.93
	10	1015.04	1015.04	1015.09	1015.18	1015.24	1015.26	1015.22	1015.17	1015.17	1015.12	1014.98	1014.86	1015.11
	11	1014.80	1014.78	1014.76	1014.71	1014.65	1014.54	1014.44	1014.41	1014.39	1014.33	1014.26	1014.21	1014.52
	12	1014.13	1014.02	1013.89	1013.80	1013.83	1013.85	1013.78	1013.79	1013.85	1013.81	1013.75	1013.73	1013.85
	13	1013.70	1013.62	1013.52	1013.42	1013.41	1013.44	1013.42	1013.40	1013.40	1013.36	1013.33	1013.34	1013.45
	14	1013.36	1013.36	1013.32	1013.28	1013.28	1013.30	1013.29	1013.30	1013.32	1013.31	1013.28	1013.23	1013.30
	15	1013.16	1013.14	1013.16	1013.16	1013.14	1013.14	1013.12	1013.08	1012.99	1012.91	1012.87	1012.85	1013.06
	16	1012.84	1012.89	1012.91	1012.91	1012.92	1012.89	1012.87	1012.87	1012.86	1012.84	1012.80	1012.83	1012.87
	17	1012.86	1012.85	1012.83	1012.81	1012.80	1012.79	1012.80	1012.80	1012.82	1012.83	1012.84	1012.85	1012.82
	18	1012.86	1012.90	1012.97	1013.01	1013.03	1013.08	1013.15	1013.20	1013.21	1013.23	1013.28	1013.35	1013.10
	19	1013.37	1013.38	1013.39	1013.40	1013.43	1013.47	1013.53	1013.63	1013.72	1013.77	1013.82	1013.85	1013.56
	20	1013.88	1013.93	1013.99	1014.02	1014.02	1014.02	1014.03	1014.06	1014.08	1014.07	1014.12	1014.18	1014.03
	21	1014.19	1014.19	1014.19	1014.18	1014.14	1014.14	1014.16	1014.15	1014.14	1014.13	1014.14	1014.15	1014.16
	22	1014.13	1014.09	1014.08	1014.07	1014.06	1014.03	1013.95	1013.89	1013.86	1013.84	1013.85	1013.85	1013.97
	23	1013.84	1013.85	1013.84	1013.79	1013.75	1013.73	1013.72	1013.71	1013.69	1013.68	1013.67	1013.64	1013.74

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

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
29	0	1013.61	1013.60	1013.60	1013.61	1013.57	1013.51	1013.44	1013.38	1013.36	1013.36	1013.33	1013.29	1013.47
	1	1013.28	1013.29	1013.30	1013.29	1013.28	1013.26	1013.21	1013.18	1013.19	1013.17	1013.14	1013.11	1013.22
	2	1013.08	1013.07	1013.05	1013.02	1012.99	1012.99	1013.00	1012.96	1012.91	1012.90	1012.89	1012.86	1012.97
	3	1012.84	1012.88	1012.93	1012.96	1012.93	1012.92	1012.94	1012.99	1013.04	1013.06	1013.10	1013.14	1012.97
	4	1013.15	1013.15	1013.13	1013.14	1013.19	1013.24	1013.23	1013.20	1013.16	1013.16	1013.16	1013.17	1013.17
	5	1013.20	1013.21	1013.20	1013.19	1013.22	1013.26	1013.29	1013.31	1013.31	1013.27	1013.25	1013.28	1013.25
	6	1013.32	1013.34	1013.34	1013.36	1013.38	1013.39	1013.40	1013.40	1013.43	1013.48	1013.47	1013.42	1013.39
	7	1013.37	1013.34	1013.33	1013.32	1013.33	1013.35	1013.34	1013.31	1013.26	1013.23	1013.22	1013.24	1013.30
	8	1013.26	1013.24	1013.21	1013.19	1013.19	1013.21	1013.21	1013.21	1013.20	1013.20	1013.19	1013.17	1013.20
	9	1013.13	1013.11	1013.11	1013.11	1013.11	1013.12	1013.13	1013.11	1013.07	1013.03	1013.00	1012.95	1013.08
	10	1012.88	1012.86	1012.85	1012.85	1012.87	1012.86	1012.83	1012.82	1012.81	1012.76	1012.71	1012.69	1012.82
	11	1012.70	1012.68	1012.64	1012.62	1012.62	1012.64	1012.65	1012.65	1012.69	1012.73	1012.79	1012.82	1012.68
	12	1012.78	1012.73	1012.71	1012.70	1012.71	1012.68	1012.65	1012.62	1012.58	1012.59	1012.60	1012.55	1012.66
	13	1012.53	1012.52	1012.52	1012.53	1012.55	1012.55	1012.49	1012.45	1012.46	1012.43	1012.39	1012.38	1012.48
	14	1012.36	1012.32	1012.31	1012.34	1012.39	1012.38	1012.35	1012.33	1012.30	1012.29	1012.30	1012.26	1012.33
	15	1012.19	1012.18	1012.15	1012.13	1012.15	1012.19	1012.23	1012.21	1012.13	1012.07	1012.00	1012.01	1012.13
	16	1012.11	1012.22	1012.28	1012.29	1012.30	1012.33	1012.37	1012.39	1012.38	1012.31	1012.27	1012.27	1012.29
	17	1012.23	1012.24	1012.35	1012.47	1012.60	1012.76	1012.86	1012.94	1012.98	1013.04	1013.08	1013.03	1012.71
	18	1012.97	1012.99	1013.08	1013.18	1013.27	1013.35	1013.42	1013.41	1013.43	1013.50	1013.54	1013.56	1013.31
	19	1013.56	1013.56	1013.59	1013.68	1013.77	1013.83	1013.84	1013.83	1013.86	1013.88	1013.82	1013.78	1013.75
	20	1013.92	1014.09	1014.12	1014.08	1014.05	1014.04	1014.00	1013.96	1013.91	1013.86	1013.92	1014.00	1013.99
	21	1014.02	1014.07	1014.17	1014.23	1014.26	1014.30	1014.35	1014.37	1014.41	1014.47	1014.46	1014.43	1014.29
	22	1014.47	1014.57	1014.65	1014.65	1014.62	1014.64	1014.67	1014.67	1014.66	1014.64	1014.62	1014.59	1014.62
	23	1014.57	1014.57	1014.57	1014.60	1014.65	1014.67	1014.68	1014.69	1014.68	1014.62	1014.57	1014.56	1014.62
30	0	1014.54	1014.49	1014.41	1014.40	1014.43	1014.46	1014.49	1014.51	1014.53	1014.56	1014.63	1014.70	1014.51
	1	1014.76	1014.77	1014.75	1014.70	1014.67	1014.70	1014.74	1014.77	1014.79	1014.80	1014.83	1014.82	1014.76
	2	1014.78	1014.81	1014.85	1014.85	1014.84	1014.83	1014.81	1014.83	1014.86	1014.90	1014.95	1015.01	1014.86
	3	1015.10	1015.19	1015.25	1015.29	1015.36	1015.42	1015.44	1015.43	1015.47	1015.52	1015.52	1015.52	1015.37
	4	1015.52	1015.55	1015.60	1015.64	1015.68	1015.71	1015.74	1015.76	1015.77	1015.79	1015.85	1015.92	1015.71
	5	1016.00	1016.06	1016.08	1016.13	1016.22	1016.28	1016.32	1016.37	1016.41	1016.41	1016.43	1016.45	1016.26
	6	1016.43	1016.40	1016.43	1016.47	1016.48	1016.49	1016.48	1016.44	1016.41	1016.43	1016.47	1016.49	1016.45
	7	1016.47	1016.44	1016.45	1016.47	1016.47	1016.49	1016.51	1016.53	1016.53	1016.51	1016.49	1016.49	1016.49
	8	1016.48	1016.44	1016.43	1016.44	1016.48	1016.52	1016.55	1016.59	1016.62	1016.64	1016.66	1016.65	1016.54
	9	1016.63	1016.64	1016.67	1016.68	1016.70	1016.70	1016.68	1016.70	1016.74	1016.75	1016.71	1016.66	1016.69
	10	1016.63	1016.64	1016.62	1016.54	1016.49	1016.47	1016.45	1016.44	1016.43	1016.39	1016.35	1016.32	1016.48
	11	1016.31	1016.33	1016.35	1016.33	1016.31	1016.32	1016.32	1016.32	1016.35	1016.34	1016.31	1016.27	1016.32
	12	1016.27	1016.27	1016.24	1016.27	1016.29	1016.28	1016.28	1016.27	1016.23	1016.19	1016.18	1016.20	1016.25
	13	1016.21	1016.17	1016.18	1016.22	1016.24	1016.24	1016.31	1016.38	1016.37	1016.37	1016.39	1016.39	1016.29
	14	1016.39	1016.39	1016.39	1016.41	1016.38	1016.35	1016.33	1016.30	1016.29	1016.30	1016.32	1016.35	1016.35
	15	1016.39	1016.39	1016.34	1016.33	1016.33	1016.33	1016.34	1016.33	1016.35	1016.37	1016.38	1016.37	1016.35
	16	1016.40	1016.44	1016.49	1016.51	1016.56	1016.65	1016.66	1016.66	1016.72	1016.78	1016.80	1016.76	1016.62
	17	1016.70	1016.68	1016.72	1016.77	1016.85	1016.93	1017.03	1017.14	1017.23	1017.29	1017.26	1017.19	1016.98
	18	1017.20	1017.25	1017.28	1017.33	1017.36	1017.37	1017.39	1017.38	1017.40	1017.45	1017.49	1017.51	1017.37
	19	1017.54	1017.60	1017.63	1017.67	1017.74	1017.82	1017.88	1017.92	1017.94	1017.98	1018.05	1018.11	1017.82
	20	1018.17	1018.22	1018.25	1018.26	1018.33	1018.39	1018.40	1018.41	1018.44	1018.45	1018.44	1018.48	1018.35
	21	1018.55	1018.61	1018.66	1018.69	1018.71	1018.72	1018.74	1018.73	1018.74	1018.74	1018.73	1018.71	1018.69
	22	1018.70	1018.71	1018.71	1018.71	1018.73	1018.74	1018.73	1018.70	1018.71	1018.73	1018.70	1018.68	1018.71
	23	1018.65	1018.58	1018.53	1018.53	1018.53	1018.56	1018.59	1018.58	1018.57	1018.55	1018.50	1018.48	1018.55

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

day	hh	00_05	05_10	10_15	15_20	20_25	25_30	30_35	35_40	40_45	45_50	50_55	55_60	average
31	0	1018.44	1018.42	1018.38	1018.37	1018.32	1018.22	1018.15	1018.09	1018.07	1018.04	1017.97	1017.93	1018.19
	1	1017.90	1017.91	1017.93	1017.93	1017.94	1017.92	1017.90	1017.90	1017.91	1017.92	1017.95	1017.97	1017.92
	2	1017.98	1017.98	1017.97	1018.01	1018.06	1018.07	1018.09	1018.10	1018.10	1018.14	1018.16	1018.17	1018.07
	3	1018.19	1018.18	1018.19	1018.21	1018.24	1018.26	1018.27	1018.28	1018.30	1018.32	1018.36	1018.41	1018.26
	4	1018.43	1018.46	1018.50	1018.53	1018.51	1018.45	1018.45	1018.51	1018.57	1018.61	1018.63	1018.65	1018.52
	5	1018.66	1018.67	1018.70	1018.72	1018.72	1018.73	1018.77	1018.79	1018.83	1018.86	1018.89	1018.97	1018.77
	6	1019.03	1019.04	1019.09	1019.12	1019.11	1019.12	1019.14	1019.14	1019.14	1019.11	1019.08	1019.04	1019.09
	7	1018.99	1018.95	1018.93	1018.91	1018.86	1018.80	1018.77	1018.78	1018.79	1018.76	1018.76	1018.78	1018.84
	8	1018.75	1018.71	1018.71	1018.72	1018.73	1018.74	1018.73	1018.67	1018.64	1018.65	1018.66	1018.67	1018.70
	9	1018.67	1018.65	1018.66	1018.65	1018.66	1018.68	1018.68	1018.67	1018.68	1018.67	1018.64	1018.65	1018.66
	10	1018.67	1018.62	1018.58	1018.59	1018.59	1018.56	1018.56	1018.55	1018.52	1018.53	1018.55	1018.54	1018.57
	11	1018.53	1018.50	1018.46	1018.48	1018.50	1018.49	1018.48	1018.45	1018.44	1018.43	1018.36	1018.34	1018.45
	12	1018.31	1018.25	1018.21	1018.14	1018.07	1018.01	1017.96	1017.89	1017.83	1017.80	1017.77	1017.74	1018.00
	13	1017.70	1017.64	1017.60	1017.57	1017.51	1017.47	1017.47	1017.42	1017.39	1017.37	1017.34	1017.31	1017.48
	14	1017.32	1017.33	1017.29	1017.29	1017.31	1017.32	1017.34	1017.33	1017.27	1017.23	1017.25	1017.27	1017.29
	15	1017.25	1017.20	1017.19	1017.18	1017.11	1017.03	1017.00	1017.08	1017.19	1017.29	1017.37	1017.39	1017.19
	16	1017.39	1017.38	1017.39	1017.40	1017.39	1017.41	1017.44	1017.44	1017.46	1017.49	1017.48	1017.47	1017.43
	17	1017.47	1017.48	1017.49	1017.46	1017.40	1017.35	1017.37	1017.42	1017.43	1017.44	1017.49	1017.53	1017.44
	18	1017.50	1017.43	1017.41	1017.38	1017.29	1017.24	1017.22	1017.18	1017.19	1017.31	1017.46	1017.54	1017.34
	19	1017.57	1017.56	1017.54	1017.59	1017.68	1017.70	1017.73	1017.82	1017.95	1018.00	1017.97	1018.02	1017.76
	20	1018.11	1018.17	1018.24	1018.26	1018.17	1018.03	1017.97	1017.93	1017.89	1017.91	1017.90	1017.84	1018.03
	21	1017.75	1017.68	1017.66	1017.69	1017.71	1017.67	1017.64	1017.67	1017.66	1017.64	1017.71	1017.77	1017.68
	22	1017.76	1017.65	1017.53	1017.50	1017.59	1017.63	1017.62	1017.62	1017.60	1017.54	1017.44	1017.32	1017.56
	23	1017.20	1017.15	1017.15	1017.16	1017.17	1017.19	1017.19	1017.11	1016.97	1016.89	1016.92	1017.00	1017.09

