

SOLAR ACTIVITY MONITORING AND FORECASTING FROM VALAŠSKÉ MEZIŘÍČÍ OBSERVATORY

This document contains summary informations about events observed in Valašské Meziříčí observatory.

We observe with these telescopes:

- chromospheric telescope (diameter lens 135 mm, focal length 2 350 mm, effective focal lens of the entire device 5 170 mm), telescope have H-alpha filter Daystar, 0,7 Å
- refractor (diameter lens 80 mm, focal length 1 200 mm), telescope have ethalon CaK, 2,4 Å
- synoptic telescope Lunt LS60TC Ha/B1200 (focal length 400 mm), 0,8Å

Data are in fits format and available in our archiv.

If you want use this data, please write on email: slunecni.skupina@pozorovanislunce.eu or info@astrovm.cz

We compare our data with data in the website: http://www.lmsal.com/solarsoft/last_events/

LEGEND

Color in region box:

same informations about flares like solarsoft

no informations about flares in solarsoft

different informations about flares in solarsoft

criterion of quality:

- 1 - excellent data
- 2 - useful data - interference patterns, high clouds, fuzzy
- 3 - bad data - without flat field, with clouds, really bad image

Beg/X-Ray - time of start event and X-ray classification at the moment

Max/X-Ray - time of maximum event and X-ray classification at the moment

End/X-Ray - time of end event and X-ray classification at the moment

Region - name of active region (NOAA)

Data from-to (UTC) - our observe data

Cadence - image/sec

Remark - image show detail/entire disk

Solar Activity Monitoring and Forecasting 2010

Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20100721	-	-	-	11089	08:07:03 - 08:33:44	H-alpha	0,18"	-	6	2	detail
20100722	-	-	-	11089	07:22:06 - 07:22:07	H-alpha	0,18"	-	2	2	detail

Solar Activity Monitoring and Forecasting 2011

Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20110607	06:16	M2.5/06:30	06:41	11226	06:18:46 - 07:01:53	H-alpha	0,18"	1/1	230	2	detail
20110728	06:56	C1.9/07:00	07:05	11260	07:04:04 - 07:12:30	H-alpha	0,18"	-	14	2	detail
20110728	-	-	-	11260	07:55:01 - 08:05:54	H-alpha	0,18"	-	28	3	detail
20110802	14:37	C1.1/14:41	14:43	11263	14:41:40 - 14:45:21	H-alpha	0,18"	-	18	1	detail
20110803	06:42	C1.1/06:46	06:49	11261	06:43:50 - 06:52:46	H-alpha	0,18"	-	8	2	detail
20110803	07:38	C3.0/07:45	07:46	11261	07:47:15 - 08:30:57	H-alpha	0,18"	-	49	1	detail
20110803	13:17	M6.0/13:45	14:30	11261	13:29:52 - 13:39:57	H-alpha	0,18"	-	19	2	detail
20110803	-	-	-	11261	14:32:10 - 14:41:06	H-alpha	0,18"	-	7	3	detail
20110804	-	-	-	11261	08:07:16 - 08:16:12	H-alpha	0,18"	-	12	2	detail
20110805	07:57	B8.1/08:02	08:07	11261	08:02:55 - 08:21:17	H-alpha	0,18"	-	22	1	detail
20110805	10:23	C1.0/10:30	10:37	11261	10:27:53 - 10:37:44	H-alpha	0,18"	-	10	1	detail
20110826	13:04	C2.3/13:13	13:17	11271	13:10:10 - 13:24:04	H-alpha	0,18"	-	22	1-	detail
20110829	-	-	-	oblast	11:47:27 - 11:52:46	H-alpha	0,18"	-	8	2	detail
20110924	09:21	X1.9/09:40	09:48	11302	09:53:44 - 10:05:48	H-alpha	0,18"	-	12	3	detail

Solar Activity Monitoring and Forecasting 2012

Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20120420	-	-	-	11461	07:28:15 - 07:28:27	H-alpha	0,18"	-	3	2	detail
20120430	10:37	C6.0/10:41	10:43	11471	10:41:58 - 10:46:29	H-alpha	0,18"	-	15	1	detail
20120509	07:35	B9.3/07:39	07:42	11476	07:46:24 - 07:51:16	H-alpha	0,18"	-	36	2-	detail
20120509	08:37	C1.3/08:41	08:43	11476	08:38:46 - 08:42:44	H-alpha	0,18"	-	6	1	detail
20120509	12:21	M4.7/12:32	12:36	11476	12:37:25 - 12:41:54	H-alpha	0,18"	-	36	3	detail
20120510	12:34	C2.2/12:37	12:42	11476	12:45:20 - 12:45:28	H-alpha	0,18"	-	12	1-	detail
20120510	-	-	-	11476	12:51:34 - 12:58:18	H-alpha	0,18"	-	17	1-	detail
20120510	13:34	C4.7/13:40	13:44	11476	13:37:19 - 14:33:33	H-alpha	0,18"	-	80	1-	detail
20120510	13:52	C4.2/13:57	14:01	11476	13:37:19 - 14:33:33	H-alpha	0,18"	-	80	1-	detail
20120510	-	-	-	11476	15:17:04 - 15:17:26	H-alpha	0,18"	-	3	1-	detail
20120511	-	-	-	11476	09:08:43 - 09:14:18	H-alpha	0,18"	-	14	2	detail
20120620	05:49	C1.3/05:58	06:10	11504	05:53:43 - 06:01:57	H-alpha	0,18"	-	11	2	detail
20120703	-	-	-	11515	13:31:32 - 13:32:16	H-alpha	0,18"	-	7	1-	detail
20120704	-	-	-	11513	11:24:34 - 11:25:18	H-alpha	0,18"	-	5	1	detail
20120704	11:13	C5.8/11:17	11:19	11515	11:19:58 - 11:20:24	H-alpha	0,18"	-	4	1	detail
20120704	-	-	-	11515	14:04:16 - 14:05:17	H-alpha	0,18"	-	4	1-	detail
20120705	-	-	-	11515	06:33:39 - 06:34:13	H-alpha	0,18"	-	2	2	detail
20120705	-	M1.0/07:05	-	11515	07:10:30 - 07:13:48	H-alpha	0,18"	-	4	1-	detail
20120705	-	C5.0/09:08	-	11515	09:14:06 - 09:14:14	H-alpha	0,18"	-	4	1-	detail
20120705	-	C5.8/09:20	-	11515	09:27:59 - 09:34:40	H-alpha	0,18"	-	4	2	detail
20120705	11:39	M6.1/11:44	11:49	11515	11:46:10 - 11:59:35	H-alpha	0,18"	-	31	1-	detail
20120705	13:05	M1.2/13:18	13:32	11515	13:14:23 - 13:35:59	H-alpha	0,18"	-	4	1	detail
20120705	13:41	C7.4/13:52	13:58	11519	13:48:44 - 14:08:04	H-alpha	0,18"	-	11	1	detail
20120705	14:15	C4.0/14:18	14:20	11515	14:22:03 - 14:27:18	H-alpha	0,18"	-	6	2	detail
20120706	08:17	M1.5/08:23	08:27	11515	08:22:01 - 08:37:25	H-alpha	0,18"	-	9	1	detail
20120706	10:24	M1.8/10:29	10:32	11515	10:25:48 - 10:47:42	H-alpha	0,18"	-	19	1	detail
20120706	-	-	-	11515	10:27:08 - 10:37:03	H-alpha	0,18"	-	19	1	detail
20120707	10:57	M2.6/11:03	11:07	11515	11:02:52 - 11:07:12	H-alpha	0,18"	-	4	2	detail

Solar Activity Monitoring and Forecasting 2012

Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20120714	07:31	C2.0/07:34	07:37	11520	07:35:41 - 07:40:41	H-alpha	0,18"	-	10	3	detail
20120726	-	-	-	11528	09:23:38 - 09:23:55	H-alpha	0,18"	-	6	3	detail
20120727	11:44	C2.5/11:49	11:53	11528	11:52:24 - 11:52:28	H-alpha	0,18"	-	12	2	detail
20120727	13:57	C1.5/14:02	14:08	11530	13:58:59 - 14:12:07	H-alpha	0,18"	-	35	2	detail
20120801	-	-	-	11528	06:52:02 - 07:00:12	H-alpha	0,18"	-	27	2-	detail
20120809	-	-	-	11540	07:13:30	H-alpha	0,18"	-	1	1	detail
20120810	-	-	-	11544	11:17:47 - 11:18:06	H-alpha	0,18"	-	4	2	detail
20120818	-	-	-	11546	06:14:05 - 06:14:53	H-alpha	0,18"	-	3	3	detail
20120818	-	-	-	11546	11:48:22 - 11:48:33	H-alpha	0,18"	-	2	3	detail
20121031	11:33	C1.1/11:38	11:39	11598	11:39:31 - 11:40:09	H-alpha	0,18"	-	15	1-	detail
20121114	-	-	-	11610	13:18:38 - 13:19:09	H-alpha	0,18"	-	15	1	detail
20121120	-	-	-	11618	11:48:51 - 11:48:51	H-alpha	0,18"	-	14	2-	detail
20121120	12:36	M1.7/12:38	12:41	11618	12:46:54 - 12:47:10	H-alpha	0,18"	-	9	3	detail

Solar Activity Monitoring and Forecasting 2013

Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20130519	11:42	C1.1/11:50	11:57	11750	11:43:23 - 11:59:22	H-alpha	0,18"	1/2	552	2	detail
20130522	-	-	-	11754	15:58:05 - 15:58:30	H-alpha	0,18"	1/2	50	3	detail
20130529	6:48	C1.2/07:36	7:58	11756	07:36:11 - 07:36:58	H-alpha	0,18"	1/2	64	3	detail
20130610	B2.0/12:13	B4.6/12:18	B2.9/12:22	11765	12:12:00 - 12:37:09	H-alpha	0,18"	1/2	1716	2	detail
20130610	B2.3/12:36	B3.6/12:40	B2.8/12:42	11765	12:41:47 - 12:49:44	H-alpha	0,18"	1/2	542	2	detail
20130618	6:48	C2.2/07:18	7:28	11775	07:23:05 - 07:24:50	H-alpha	0,18"	1/2	250	2-3	detail
20130618	B5.3/15:14	B9.4/15:21	B7.1/15:24	11770	15:24:52 - 15:28:27	H-alpha	0,18"	1/2	100	3	detail
20130619	C1.2/09:33	C8.4/09:54	C4.8/10:25	11776	09:41:02 - 10:11:25	H-alpha	0,18"	1/2	2118	2-3	detail
20130620	B5.5/10:44	B7.9/10:47	B6.6/10:52	11776	10:51:08 - 10:53:23	H-alpha	0,18"	1/2	200	3	detail
20130620	B8.2/14:00	C1.3/14:05	C1.0/14:09	11775	14:05:07 - 14:11:15	H-alpha	0,18"	1/2	628	2-3	detail
20130623	09:02	C1.1/09:10	09:17	11772	8:57:26 - 09:02:55	H-alpha	0,18"	1/2	60	2	detail
20130703	B7.1/11:56	C2.6/12:05	C1.6/12:11	11785	12:03:37 - 12:12:28	H-alpha	0,18"	1/2	773	1	detail
20130709	07:00	C2.0/07:35	07:57	11785	07:31:00 - 07:53:18	H-alpha	0,18"	1/2	1400	2	detail
20130709	07:02	C2.1/07:35	08:10	11785	07:31:00 - 07:53:18	H-alpha	0,18"	1/2	1400	2	detail
20130710	B8.5/06:24	C4.9/06:40	C2.8/06:53	11784	06:25:24 - 06:52:44	H-alpha	0,18"	1/2	894	3	detail
20130721	B4.9/08:24	C4.1/08:44	C1.7/09:39	11800	06:49:36 - 10:08:29	H-alpha	0,18"	1/2	4020	2	detail
20130721	B4.9/08:24	C4.1/08:44	C1.7/09:39	11800	08:40:24 - 09:38:05	H-alpha	2,06"	1/2	376	1-	entire disc
20130721	B4.0/12:15	B8.3/12:19	B5.9/12:24	11793	12:18:53 - 12:28:13	H-alpha	0,18"	1/2	179	2	detail
20130728	B8.3/12:12	C3.2/12:21	C1.9/12:29	11800	12:13:34 - 12:43:03	H-alpha	0,18"	1/2	2404	1-2	detail
20130728	-	-	-	11806	15:37:38 - 15:46:41	H-alpha	0,18"	1/2	400	1-2	detail
20130728	B6.2/15:56	C1.4/16:01	C1.0/16:11	11805	15:59:35 - 16:08:00	H-alpha	0,18"	1/2	700	1-2	detail
20130728	B6.9/16:22	C1.5/16:27	C1.1/16:31	11800	16:28:15 - 16:33:23	H-alpha	0,18"	1/2	400	3	detail
20130802	11:08	B9.7/11:15	11:24	11806	11:17:42 - 11:22:08	H-alpha	0,18"	1/2	322	1	detail
20130811	07:41	B9.6/08:20	08:40	11817	08:00:13 - 08:50:20	H-alpha	2,06"	1/2	531	2	entire disc
20130811	-	-	-	11817	10:08:11 - 10:08:27	H-alpha	2,06"	1/2	22	2+	entire disc
20130811	12:26	B7.1/12:31	12:34	11817	12:35:31 - 12:46:40	H-alpha	0,18"	1/2	600	2-	detail
20130811	B4.1/14:34	C2.0/14:49	C1.1/14:58	11817	14:38:51 - 14:48:59	H-alpha	0,18"	1/2	602	3+	detail
20130812	B3.4/10:12	M1.5/10:41	C7.7/10:47	11817	10:28:05 - 11:42:01	H-alpha	0,18"	1/2	3350	3	detail

Solar Activity Monitoring and Forecasting 2013

Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20130812	B3.4/10:12	M1.5/10:41	C7.7/10:47	11817	10:33:32 - 10:43:15	CaK	0,69"	1/2	610	2	detail
20130812	B3.4/10:12	M1.5/10:41	C7.7/10:47	11817	10:28:57 - 11:40:39	H-alpha	2,06"	1/2	452	2	entire disc
20130814	10:18	C1.5/10:37	11:50	11817	10:36:28 - 10:44:37	H-alpha	0,18"	1/2	1089	2	detail
20130814	10:19	C1.5/10:37	11:39	11817	10:36:28 - 10:44:38	H-alpha	0,18"	1/2	1089	2	detail
20130814	10:18	C1.5/10:37	11:50	11817	10:36:31 - 11:26:49	CaK	0,69"	1/2	32	2	detail
20130816	12:39	C1.3/12:47	12:50	11818	12:45:31 - 12:58:26	H-alpha	0,18"	1/2	676	3	detail
20130816	B4.5/13:11	C2.6/13:18	C1.3/13:22	11818	13:24:11 - 12:58:32	H-alpha	0,18"	1/2	351	3	detail
20130816	-	-	-	11818	12:45:31 - 13:29:32	H-alpha	0,18"	1/2	1027	2-	detail
20130817	B4.6/10:52	B8.7/10:57	B6.5/11:10	11818	11:00:47 - 11:30:24	H-alpha	0,18"	1/2	1059	1	detail
20130817	B4.6/10:52	B8.7/10:57	B6.5/11:10	11818	10:56:44 - 10:57:57	H-alpha	2,06"	1/2	73	2	entire disc
20130817	B4.2/13:27	C1.8/13:49	C1.1/14:24	N17E88	13:35:54 - 14:14:48	H-alpha	0,18"	1/2	1657	2	detail
20130822	B6.8/13:16	C2.4/13:25	C1.5/13:38	11818	13:27:21 - 13:56:33	H-alpha	0,18"	1/2	2269	1-, 2	detail
20130822	B6.8/13:16	C2.4/13:25	C1.5/13:38	11818	13:26:01 - 14:16:18	H-alpha	2,06"	1/2	309	3+	entire disc
20130822	11:44	C1.4/11:54	12:04	11828	11:59:45 - 12:06:28	H-alpha	0,18"	1/2	327	2-	detail
20130903	B4.6/14:14	B8.8/14:21	B6.7/14:30	11834	14:16:15 - 14:19:30	H-alpha	0,18"	1/2	301	2	detail
20130904	B7.1/07:18	C1.2/07:23	B9.6/07:41	11837	07:22:39 - 07:39:59	H-alpha	0,18"	1/2	1018	2+	detail
20131101	B7.7/07:23	C1.5/07:38	C1.1/07:58	11884	07:31:41 - 07:39:31	H-alpha	0,18"	1/2	251	2	detail
20131108	B7.8/07:38	C1.4/07:57	C1.1/08:18	11891	08:11:49 - 08:20:11	H-alpha	0,18"	1/2	264	3	detail
20131108	B9.8/09:22	M2.3/09:28	C7.5/09:31	11891	09:30:49 - 09:33:19	H-alpha	0,18"	1/2	499	3	detail
20131114	C1.3/08:55	C3.0/09:06	C2.1/09:18	11897	09:03:14 - 09:18:37	H-alpha	0,18"	1/2	1361	3	detail

Solar Activity Monitoring and Forecasting 2014

Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20140213	C1.3/12:33	C3.0/12:42	C2.1/13:16	11974	12:55:19 - 13:08:44	H-alpha	0,18"	2/1	779	3	detail
20140228	09:32	C8.1/10:06	10:33	11982	10:15:13 - 10:19:33	H-alpha	0,18"	2/1	546	2-	detail
20140309	10:01	C2.1/10:20	10:28	11996	10:20:50 - 10:27:51	H-alpha	0,18"	2/1	500	1	detail
20140310	C1.3/10:32	C6.1/10:43	10:43	12002	10:43:38 - 10:58:20	H-alpha	0,18"	2/1	1038	2	detail
20140312	10:55	M2.5/11:05	11:11	11996	11:02:24 - 11:16:52	H-alpha	0,18"	2/1	1177	2	detail
20140313	C1.0/13:39	C1.7/13:44	C1.3/13:51	12002	13:47:07 - 13:55:28	H-alpha	0,18"	2/1	612	2	detail
20140321	09:51	C2.7/10:38	11:06	12013	10:30:54 - 10:38:02	H-alpha	0,18"	2/1	532	2	detail
20140322	08:50	C4.8/09:25	10:04	12005	08:57:25 - 09:38:08	H-alpha	0,18"	2/1	2498	1	detail
20140330	10:30	C5.6/12:07	12:15	12005	11:51:20 - 12:17:48	H-alpha	0,18"	2/1	1930	2	detail
20140330	11:48	M2.1/11:55	12:02	12005	11:51:20 - 12:17:48	H-alpha	0,18"	2/1	1930	2	detail
20140506	C4.6/08:41	M1.8/09:03	M1.1/09:03	12005	08:56:12 - 09:21:19	H-alpha	0,18"	2/1	2100	2	detail
20140506	C4.6/08:41	M1.8/09:03	M1.1/09:03	12005	08:59:22 - 09:15:00	H-alpha	2,06"	2/1	914	1	entire disk
20140508	C1.3/09:20	M5.2/10:07	M2.7/10:18	12005	10:03:36 - 10:42:26	H-alpha	0,18"	2/1	2762	2-	detail
20140510	C1.1/06:51	C8.7/07:02	C8.7/07:02	12005	06:57:22 - 07:32:17	H-alpha	0,18"	2/1	1426	2-	detail
20140521	B4.1/07:09	C1.6/07:23	C1.0/07:31	12005	07:15:26 - 07:28:27	CaK	0,69"	2/1	857	1-	detail
20140521	B4.1/07:09	C1.6/07:23	C1.0/07:31	12005	07:17:14 - 07:33:42	H-alpha	2,06"	2/1	991	1	entire disk
20140522	B4.5/13:13	C1.4/13:26	B8.9/13:33	12005	13:28:14 - 13:47:09	CaK	0,69"	2/1	1130	3	detail
20140522	B4.5/13:13	C1.4/13:26	B8.9/13:33	12005	13:20:11 - 13:44:18	H-alpha	2,06"	2/1	1133	3	entire disk
20140606	B4.0/10:19	C1.1/10:24	B7.1/10:28	12005	10:28:31 - 10:35:45	H-alpha	0,18"	2/1	547	1-	detail
20140606	B4.0/10:19	C1.1/10:24	B7.1/10:28	12005	10:31:08 - 10:36:46	CaK	0,69"	2/1	398	2-	detail
20140606	B4.0/10:19	C1.1/10:24	B7.1/10:28	12005	10:25:16 - 10:36:58	H-alpha	2,06"	2/1	701	2	entire disk
20140606	C1.3/13:20	C2.0/13:27	C1.6/13:32	12005	13:16:02 - 13:36:25	H-alpha	0,18"	2/1	1009	2-	detail
20140607	B5.2/06:06	B7.5/06:12	B6.3/06:15	12005	06:13:20 - 06:19:02	H-alpha	0,18"	2/1	464	2	detail
20140607	10:16	C1.1/10:20	10:25	12005	10:22:32 - 10:29:32	H-alpha	2,06"	2/1	632	1	entire disk
20140609	B7.8/07:33	C2.2/07:25	C1.3/07:29	12005	07:30:12 - 07:47:14	H-alpha	0,18"	2/1	1341	2-	detail
20140609	B7.8/07:33	C2.2/07:25	C1.3/07:29	12005	07:28:58 - 07:47:55	CaK	0,69"	2/1	1474	1	detail
20140609	C1.1/12:24	C9.0/12:29	C5.0/12:33	12005	12:30:36 - 12:52:32	H-alpha	0,18"	2/1	1030	3	detail
20140609	C1.1/12:23	C9.0/12:28	C5.0/12:32	12005	12:28:46 - 12:41:54	CaK	0,69"	2/1	1022	1	detail

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Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20140609	C1.1/12:24	C9.0/12:29	C5.0/12:33	12085	12:29:25 - 12:44:28	H-alpha	2,06"	2/1	500	1	entire disk
20140610	C1.0/06:19	C2.4/06:28	C1.7/06:36	12080	06:25:06 - 06:42:10	H-alpha	0,18"	2/1	2002	3	detail
20140610	C1.0/06:19	C2.4/06:28	C1.7/06:36	12080	06:23:02 - 06:38:50	CaK	0,69"	2/1	1015	1	detail
20140610	B9.8/08:17	C3.9/08:25	C2.4/08:32	12087	08:24:16 - 08:29:25	H-alpha	2,06"	2/1	227	1	entire disk
20140610	B9.8/08:17	C3.9/08:25	C2.4/08:32	12087	08:31:02 - 08:40:10	H-alpha	0,18"	2/1	644	3	detail
20140610	B9.8/08:17	C3.9/08:25	C2.4/08:32	12087	8:26:27 - 08:24:16	CaK	0,69"	2/1	577	2	detail
20140610	C1.8/09:17	C5.1/09:31	C3.4/09:40	12087	09:29:30 - 09:48:48	H-alpha	0,18"	2/1	1891	2	detail
20140610	C1.8/09:17	C5.1/09:31	C3.4/09:40	12087	09:19:07 - 09:39:07	H-alpha	0,18"	2/1	848	1	entire disk
20140610	C1.3/11:36	X2.2/11:42	M9.4/11:40	12087	11:44:23 - 11:57:34	H-alpha	0,18"	2/1	711	2	detail
20140610	C1.3/11:36	X2.2/11:42	M9.4/11:40	12087	11:43:46 - 11:56:15	H-alpha	2,06"	2/1	736	2	entire disk
20140610	C1.3/11:36	X2.2/11:42	M9.4/11:40	12087	11:45:07 - 11:56:45	CaK	0,69"	2/1	788	1-	detail
20140610	C2.8/12:36	X1.5/12:52	M7.2/13:03	12087	12:46:01 - 13:53:08	H-alpha	0,18"	2/1	1296	2-	detail
20140610	C2.8/12:36	X1.5/12:52	M7.2/13:03	12087	12:57:11 - 13:53:30	CaK	0,69"	2/1	3950	2	detail
20140610	C2.8/12:36	X1.5/12:52	M7.2/13:03	12087	12:41:39 - 13:33:09	H-alpha	2,06"	2/1	2976	2-	entire disk
20140611	06:26	C3.4/06:32	06:37	12087	06:36:14 - 06:38:59	H-alpha	2,06"	2/1	141	1-	entire disk
20140611	C2.6/08:00	M3.0/08:09	M1.5/08:15	12087	08:13:55 - 08:23:56	H-alpha	0,18"	2/1	756	1-	detail
20140611	C2.6/08:00	M3.0/08:09	M1.5/08:15	12087	08:14:42 - 08:25:23	CaK	0,69"	2/1	1172	1-	detail
20140611	C3.3/08:59	X1.0/09:06	M4.7/09:10	12087	09:03:52 - 09:37:52	H-alpha	0,18"	2/1	2068	2	detail
20140611	C3.3/08:59	X1.0/09:06	M4.7/09:10	12087	09:04:33 - 09:18:07	CaK	0,69"	2/1	1114	1-	detail
20140611	C3.3/08:59	X1.0/09:06	M4.7/09:10	12087	09:05:29 - 09:13:59	H-alpha	0,18"	2/1	758	2-	entire disk
20140611	C1.1/11:37	C2.3/11:42	C1.6/11:47	12087	11:42:55 - 11:48:29	H-alpha	0,18"	2/1	510	2	detail
20140613	06:43	C2.0/06:47	06:51	12089	06:51:03 - 06:54:42	H-alpha	2,06"	2/1	321	2-	entire disk
20140616	07:30	C2.8/07:42	07:51	12089	07:41:49 - 07:46:09	H-alpha	2,06"	2/1	401	1-	entire disk
20140701	C3.3/11:05	M1.4/11:23	C8.5/11:59	12106	11:19:26 - 12:01:38	H-alpha	0,18"	2/1	2186	3	detail
20140701	C3.3/11:05	M1.4/11:23	C8.5/11:59	12106	11:12:42 - 12:05:23	H-alpha	2,06"	2/1	4166	2	entire disk
20140701	C3.3/11:05	M1.4/11:23	C8.5/11:59	12106	11:50:44 - 12:01:40	CaK	0,69"	2/1	560	2	detail
20140707	07:13	C2.6/07:34	07:47	12102	07:20:05 - 07:50:23	H-alpha	2,06"	2/1	1771	1-	entire disk
20140707	08:13	C2.6/07:35	08:47	12102	07:19:46 - 08:03:01	H-alpha	0,18"	2/1	1973	1-	detail

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Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20140707	09:13	C2.6/07:36	09:47	12102	07:45:51 - 08:03:30	CaK	0,69"	2/1	646	1	detail
20140707	C1.3/07:58	C4.3/08:02	C2.5/08:04	12109	08:06:01 - 08:09:06	H-alpha	0,18"	2/1	164	3	detail
20140707	C1.3/07:58	C4.3/08:02	C2.5/08:04	12109	08:07:50 - 08:10:02	CaK	0,69"	2/1	131	2	detail
20140712	14:01	C4.6/14:08	14:20	12108	14:08:23 - 14:22:02	H-alpha	0,18"	2/1	404	3	detail
20140713	08:43	C6.4/09:02	09:18	12109	08:57:38 - 10:45:01	H-alpha	0,18"	2/1	3319	2	detail
20140713	08:43	C6.4/09:02	09:18	12109	09:11:52 - 10:28:55	H-alpha	2,06"	2/1	2227	1-	entire disk
20140726	-	-	-	12126	10:36:30 - 10:46:45	H-alpha	0,18"	2/1	550	3	detail
20140726	-	-	-	12126	10:39:49 - 10:45:22	H-alpha	2,06"	2/1	337	1	entire disk
20140726	11:36	C1.0/11:43	11:46	12126	11:30:57 - 11:50:42	H-alpha	0,18"	2/1	874	2-	detail
20140726	13:16	C1.8/13:20	13:24	12126	13:29:45 - 13:30:34	H-alpha	2,06"	2/1	50	2	entire disk
20140802	10:43	C1.6/10:47	10:57	12132	10:49:49 - 10:59:32	H-alpha	0,18"	2/1	744	2	detail
20140802	10:43	C1.6/10:47	10:57	12132	10:50:41 - 10:58:17	CaK	0,69"	2/1	505	2	detail
20140802	13:12	C2.7/13:28	13:38	12132	13:24:52 - 13:40:30	H-alpha	0,18"	2/1	1110	3	detail
20140803	12:14	C1.0/12:18	12:23	12126	12:19:30 - 12:25:39	H-alpha	2,06"	2/1	324	1-	entire disk
20140805	11:25	C1.7/11:30	11:34	12132	11:32:43 - 11:35:59	CaK	0,69"	2/1	301	3	detail
20140805	11:25	C1.7/11:30	11:34	12132	11:28:21 - 11:36:46	H-alpha	0,18"	2/1	638	3	detail
20140808	12:51	C1.2/12:58	13:13	12132	12:58:08 - 13:15:49	H-alpha	0,18"	2/1	1246	3	detail
20140809	08:57	C2.7/09:01	09:03	12135	09:03:50 - 09:11:01	H-alpha	0,18"	2/1	437	2-	detail
20140809	08:57	C2.7/09:01	09:03	12135	08:59:34 - 09:12:06	H-alpha	2,06"	2/1	623	1-	entire disk
20140815	08:30	B9.4/08:37	08:56	12139	08:36:54 - 08:57:23	H-alpha	0,18"	2/1	1437	2-	detail
20140818	07:54	B8.1/07:59	08:05	12144	07:58:22 - 08:09:38	H-alpha	0,18"	2/1	765	1	detail
20140818	07:54	B8.1/07:59	08:05	12144	07:59:34 - 08:12:11	H-alpha	2,06"	2/1	751	1	entire disk
20140821	B6.2/13:19	M3.4/13:31	M1.6/13:42	12148	13:29:54 - 13:45:15	H-alpha	0,18"	2/1	1200	3	detail
20140821	B6.2/13:19	M3.4/13:31	M1.6/13:42	12148	13:31:02 - 13:42:39	CaK	0,69"	2/1	936	3	detail
20140821	-	-	-	12143	10:20:54 - 10:26:04	CaK	0,69"	2/1	423	2-	detail
20140821	-	-	-	12143	10:19:51 - 10:23:24	H-alpha	0,18"	2/1	325	2+	detail
20140822	-	-	-	12146	15:48:27 - 16:05:29	CaK	0,69"	2/1	1254	3-	detail
20140825	07:44	B9.7/07:55	08:01	12146	07:55:55 - 08:03:38	CaK	0,69"	2/1	605	2-	detail

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Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20140825	07:44	B9.7/07:55	08:01	12146	07:53:56 - 08:04:55	H-alpha	0,18"	2/1	864	2+	detail
20140825	B5.8/14:13	C1.3/14:25	14:31	12146	14:25:25 - 14:37:41	CaK	0,69"	2/1	826	3	detail
20140825	B5.8/14:13	C1.3/14:25	14:31	12146	14:23:36 - 14:36:42	H-alpha	0,18"	2/1	746	2-	detail
20140825	B6.6/14:46	M2.0/15:10	M1.0/15:31	12146	14:53:23 - 15:37:09	CaK	0,69"	2/1	2872	3	detail
20140825	B6.6/14:46	M2.0/15:10	M1.0/15:31	12146	14:52:08 - 15:36:16	H-alpha	0,18"	2/1	2616	3	detail
20140828	-	-	-	12151	08:06:27 - 08:13:28	H-alpha	0,18"	2/1	560	1-	detail
20140828	-	-	-	12151	12:36:26 - 12:38:39	H-alpha	0,18"	2/1	196	1	detail
20140904	C1.3/10:00	C3.1/10:11	C2.2/10:24	12157	10:09:20 - 10:27:57	H-alpha	0,18"	2/1	1170	2	detail
20140904	C1.2/13:10	C6.3/13:30	C3.6/13:45	12152	13:18:25 - 13:44:37	CaK	0,69"	2/1	1492	3	detail
20140904	C1.2/13:10	C6.3/13:30	C3.6/13:45	12152	13:17:33 - 13:47:06	H-alpha	0,18"	2/1	2322	1-	detail
20140904	C1.2/13:10	C6.3/13:30	C3.6/13:45	12152	13:16:15 - 13:49:08	H-alpha	2,06"	2/1	1832	1	entire disk
20140919	-	-	-	12171	13:20:14 - 13:30:09	H-alpha	0,18"	2/1	800	1-	detail
20141009	-	-	-	12182	09:59:54 - 10:08:28	CaK	0,69"	2/1	490	3	detail
20141021	C1.5/12:25	C4.4/12:28	C2.4/12:30	12192	12:20:33 - 12:32:42	CaK	0,69"	2/1	509	2-	detail
20141021	C1.9/13:35	M1.2/13:38	C3.6/13:40	12192	13:46:33 - 13:52:44	H-alpha	0,69"	2/1	302	2	detail
20141026	C3.0/13:04	C9.2/13:09	C6.0/13:16	12192	13:10:08 - 13:20:47	H-alpha	0,18"	2/1	1152	3	detail
20141027	-	-	-	12192	09:28:20 - 09:38:28	H-alpha	0,18"	2/1	725	1-	detail
20141027	M3.4/09:59	M6.7/10:09	M4.9/10:25	12192	09:44:50 - 10:23:35	CaK	0,69"	2/1	1703	1-	detail
20141028	C3.0/08:20	C6.5/08:24	C4.6/08:28	12192	08:21:23 - 08:29:35	CaK	0,69"	2/1	739	2	detail
20141028	C3.0/11:02	C5.3/11:06	C4.0/11:11	12192	11:05:03 - 11:22:54	H-alpha	0,18"	2/1	783	3	detail
20141029	C2.3/06:03	M1.0/08:20	C6.2/08:52	12192	08:22:10 - 09:36:58	H-alpha	0,18"	2/1	2226	2	detail
20141029	C3.1/09:54	M1.2/10:01	C7.3/10:06	12192	09:53:26 - 10:33:38	H-alpha	0,18"	2/1	2854	1	detail
20141104	C1.1/07:59	M2.6/08:38	08:38	12205	09:02:19 - 09:18:12	H-alpha	0,18"	2/1	1084	3	detail
20141209	C1.0/09:58	C8.6/10:24	C4.6/10:35	12230	10:11:03 - 10:42:11	H-alpha	0,18"	2/1	2116	2	detail

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Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20150308	9:09	C2.5/9:25	9:37	12297	09:13:19 - 09:38:29	H-alpha	0,18"	2/1	1368	2	detail
20150317	-	-	-	12297	08:33:33 - 09:13:08	H-alpha	0,18"	2/1	3123	2	detail
20150318	10:18	C5.5/10:30	10:30	12302	10:26:36 - 10:46:07	H-alpha	0,18"	2/1	1409	2-	detail
20150318	12:47	C3.8/13:14	13:25	12302	12:57:34 - 13:21:55	H-alpha	0,18"	2/1	1948	3+	detail
20150319	08:15	C1.8/08:23	08:23	12297	08:22:26 - 08:25:05	H-alpha	0,18"	2/1	243	2	detail
20150413	B9.9/8:21	C4.7/8:24	C2.8/8:28	12322	08:25:09 - 08:57:51	CaK	0,69"	2/1	371	2+	detail
20150413	B9.9/8:21	C4.7/8:24	C2.8/8:28	12322	08:56:09 - 08:32:12	H-alpha	0,18"	2/1	260	2-	detail
20150415	B8.7/11:35	C1.5/11:42	C1.1/11:53	12321	11:48:51 - 11:57:33	CaK	0,69"	2/1	565	3	detail
20150415	B8.7/11:35	C1.5/11:42	C1.1/11:53	12321	11:42:01 - 11:56:09	H-alpha	0,18"	2/1	855	3	detail
20150415	B8.7/11:35	C1.5/11:42	C1.1/11:53	12321	11:45:15 - 11:59:01	H-alpha	2,06"	2/1	770	3	entire disk
20150415	-	-	-	12322	15:27:42 - 15:44:52	H-alpha	0,18"	2/1	1364	2	detail
20150416	09:00	C5.7/09:07	09:14	12324	09:10:01 - 09:20:45	H-alpha	0,18"	2/1	478	2	detail
20150416	09:00	C5.7/09:07	09:14	12324	09:15:55 - 09:23:16	CaK	0,69"	2/1	701	2-	detail
20150416	11:17	C2.3/11:22	11:30	12321	11:18:43 - 11:33:44	H-alpha	0,18"	2/1	1324	2+	detail
20150416	11:17	C2.3/11:22	11:30	12321	11:18:51 - 11:30:14	CaK	0,69"	2/1	1079	2+	detail
20150421	C1.8/10:17	M2.2/10:40	M1.1/10:59	12322	10:22:38 - 12:09:19	H-alpha	2,06"	2/1	4874	2	entire disk
20150421	C2.4/11:49	M2.2/11:57	M1.1/12:02	12322	10:22:38 - 12:09:19	H-alpha	2,06"	2/1	4874	2	entire disk
20150421	C1.6/15:24	M4.0/15:45	15:51	12322	15:29:53 - 15:54:16	H-alpha	0,18"	2/1	778	2	entire disk
20150423	07:31	C1.4/07:43	07:52	12326	07:38:52 - 08:07:47	H-alpha	0,18"	2/1	2014	2+	detail
20150423	11:58	C7.3/12:03	12:08	12326	12:08:18 - 12:12:29	H-alpha	0,18"	2/1	380	2-	detail
20150423	09:18	M1.1/10:07	10:07	12321	09:22:17 - 10:14:46	H-alpha	2,06"	2/1	2968	2	entire disk
20150425	-	-	-	12331	08:31:20 - 08:36:21	H-alpha	0,18"	2/1	454	2	detail
20150425	-	-	-	12331	08:35:43 - 08:36:19	CaK	0,69"	2/1	57	1-	detail
20150425	-	-	-	12331	08:37:27 - 08:38:58	H-alpha	2,06"	2/1	43	1	entire disk
20150511	B9.1/13:02	C1.6/13:14	C1.2/13:08	12335	13:09:26 - 13:25:57	H-alpha	0,18"	2/1	1359	3	detail
20150513	11:04	C3.2/11:11	11:14	12339	11:09:27 - 11:18:49	H-alpha	0,18"	2/1	862	3-	detail
20150518	07:27	C1.0/07:53	08:08	12349	07:45:51 - 08:13:35	H-alpha	0,18"	2/1	2099	1-	detail
20150518	07:27	C1.0/07:53	08:08	12349	07:45:15 - 08:15:26	H-alpha	2,06"	2/1	1634	2-	entire disk
20150604	09:36	C8.1/09:47	09:56	12361	09:59:25 - 10:14:45	H-alpha	2,06"	2/1	867	2	entire disk
20150605	07:00	C1.6/07:16	07:39	12361	07:11:36 - 07:25:11	H-alpha	0,18"	2/1	1134	2+	detail
20150607	B6.8/10:23	C1.6/10:36	C1.1/10:58	12362	10:29:57 - 10:59:10	H-alpha	0,18"	2/1	2271	2, 2-	detail
20150611	08:49	M1.0/08:55	C5.5/08:59	12367	08:44:14 - 09:05:23	CaK	0,69"	2/1	1275	2+	detail

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Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20150611	08:49	M1.0/8:56	C5.5/8:59	12367	08:54:38 - 09:08:07	H-alpha	2,06"	2/1	810	1-	entire disk
20150611	-	-	-	12361	10:35:18 - 10:51:22	H-alpha	0,18"	2/1	1334	2+	detail
20150611	-	-	-	12361	10:38:29 - 10:49:39	H-alpha	2,06"	2/1	1042	1	entire disk
20150611	-	-	-	12365	08:32:20 - 08:40:04	H-alpha	0,18"	2/1	615	1-	detail
20150612	C1.3/7:15	C2.2/7:21	C1.7/7:27	12367	07:22:00 - 07:30:18	H-alpha	0,18"	2/1	686	1-	detail
20150613	-	-	-	12366	10:03:17 - 10:31:50	H-alpha	0,18"	2/1	2418	2	detail
20150626	06:38	C1.2/06:42	06:45	12371	06:39:24 - 06:47:34	H-alpha	0,18"	2/1	416	1-	detail
20150626	B4.4/08:58	B8.6/09:03	B6.3/09:05	12371	08:49:25 - 09:10:48	H-alpha	0,18"	2/1	1102	2+	detail
20150626	B4.4/08:58	B8.6/09:03	B6.3/09:05	12371	08:47:48 - 09:12:37	H-alpha	2,06"	2/1	1466	1	entire disk
20150702	13:52	C1.1/13:58	14:01	12373	14:05:14 - 14:14:55	H-alpha	2,06"	2/1	874	1-	entire disk
20150703	-	-	-	12378	07:47:59 - 07:53:42	H-alpha	2,06"	2/1	339	1-	entire disk
20150703	B5.6/09:10	C3.4/09:19	C1.4/09:24	12378	09:19:45 - 09:37:39	H-alpha	0,18"	2/1	1866	2-	detail
20150703	B5.6/09:10	C3.4/09:19	C1.4/09:24	12378	09:20:47 - 09:34:51	CaK	0,69"	2/1	1490	2	detail
20150703	B5.6/09:10	C3.4/09:19	C1.4/09:24	12378	09:14:16 - 09:41:30	H-alpha	2,06"	2/1	2129	2	entire disk
20150703	-	-	-	12378	13:04:49 - 13:07:25	H-alpha	2,06"	2/1	127	2	entire disk
20150705	-	-	-	12381	15:19:36 - 15:24:35	H-alpha	2,06"	2/1	364	2	entire disk
20150706	07:31	C2.5/07:50	08:02	12381	07:40:06 - 08:08:46	H-alpha	0,18"	2/1	1689	3+	detail
20150706	08:24	M1.0/08:44	08:44	12381	08:30:54 - 09:24:11	H-alpha	0,18"	2/1	995	3-	detail
20150706	08:24	M1.0/08:44	08:44	12381	08:31:03 - 08:44:34	H-alpha	2,06"	2/1	459	3-	entire disk
20150706	10:41	C1.3/10:52	10:57	12381	10:52:52 - 10:58:01	H-alpha	0,18"	2/1	309	3-	detail
20150706	10:41	C1.3/10:52	10:57	12381	10:41:21 - 11:05:28	H-alpha	2,06"	2/1	2119	2	entire disk
20150706	11:12	C1.9/11:19	11:30	12381	11:20:07 - 11:26:56	H-alpha	0,18"	2/1	935	3-	detail
20150706	11:12	C1.9/11:19	11:30	12381	11:19:13 - 11:34:47	H-alpha	2,06"	2/1	1466	2	entire disk
20150706	11:36	C5.7/11:42	11:46	12381	11:41:02 - 12:10:32	H-alpha	0,18"	2/1	1731	3	detail
20150706	11:36	C5.7/11:42	11:46	12381	11:36:11 - 12:06:28	H-alpha	2,06"	2/1	1498	2	entire disk
20150706	15:26	C2.2/15:31	15:37	12381	15:27:47 - 15:42:01	H-alpha	2,06"	2/1	1192	2-	entire disk
20150707	-	-	-	12381	06:46:52 - 06:55:42	H-alpha	0,18"	2/1	497	2-	detail
20150707	-	-	-	12381	06:49:05 - 07:00:54	H-alpha	2,06"	2/1	1060	1-	entire disk
20150707	07:28	C1.1/08:08	08:12	12381	07:36:40 - 07:42:53	H-alpha	0,18"	2/1	374	2-	detail
20150707	07:28	C1.1/08:08	08:12	12381	07:34:26 - 07:45:23	H-alpha	2,06"	2/1	992	1-	entire disk
20150726	10:20	B5.8/10:24	10:26	12389	10:26:39 - 10:29:59	H-alpha	0,18"	2/1	421	3	detail
20150807	09:01	C1.1/09:08	09:17	12396	09:06:18 - 09:14:58	H-alpha	0,18"	2/1	529	2-	detail
20150807	09:01	C1.1/09:08	09:17	12396	09:06:36 - 09:22:25	H-alpha	2,06"	2/1	1774	2	entire disk

Solar Activity Monitoring and Forecasting 2015

Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20150807	10:05	B8.4/10:12	10:12	12396	10:11:15 - 10:14:59	H-alpha	0,18"	2/1	240	2-	detail
20150807	10:05	B8.4/10:12	10:12	12396	10:12:24 - 10:22:21	H-alpha	2,06"	2/1	1135	2+	entire disk
20150808	09:00	C1.6/09:14	09:30	12396	09:08:02 - 09:31:18	H-alpha	0,18"	2/1	1333	2-	detail
20150808	09:00	C1.6/09:14	09:30	12396	09:10:06 - 09:18:55	H-alpha	2,06"	2/1	1000	2+	entire disk
20150808	09:00	C1.6/09:14	09:30	12396	09:13:24 - 09:31:22	CaK	0,69"	2/1	2019	2	detail
20150811	10:42	B4.9/10:47	10:51	12396	10:48:16 - 10:53:09	H-alpha	2,06"	2/1	262	2+	entire disk
20150820	B6.8/08:03	C1.6/08:06	C1.0/08:12	12403	08:07:38 - 08:14:59	H-alpha	0,18"	2/1	470	2	detail
20150820	B6.8/08:03	C1.6/08:06	C1.0/08:12	12403	08:04:55 - 08:17:06	CaK	0,69"	2/1	964	2	detail
20150821	B4.2/09:34	M1.4/09:49	C7.3/10:07	12403	09:41:16 - 10:14:48	H-alpha	0,18"	2/1	1410	3	detail
20150821	B4.2/09:34	M1.4/09:49	C7.3/10:07	12403	09:43:22 - 10:29:59	H-alpha	2,06"	2/1	2671	3	entire disk
20150821	B4.2/09:34	M1.4/09:49	C7.3/10:07	12403	09:41:55 - 10:14:22	CaK	0,69"	2/1	2672	3	detail
20150822	08:34	C6.7/08:43	08:48	12403	08:41:48 - 09:01:59	H-alpha	0,18"	2/1	1236	2	detail
20150822	08:34	C6.7/08:43	08:48	12403	08:40:17 - 09:04:18	H-alpha	2,06"	2/1	2318	1	entire disk
20150822	08:34	C6.7/08:43	08:48	12403	08:45:14 - 08:48:59	CaK	0,69"	2/1	451	2	detail
20150822	09:09	C5.1/09:21	09:39	12403	09:15:39 - 09:32:36	H-alpha	0,18"	2/1	931	2	detail
20150822	09:09	C5.1/09:21	09:39	12403	09:17:35 - 09:39:08	H-alpha	2,06"	2/1	2412	1	entire disk
20150822	09:09	C5.1/09:21	09:39	12403	09:16:24 - 09:33:54	CaK	0,69"	2/1	1863	2	detail
20150822	C1.2/10:21	C6.3/10:25	C3.4/10:31	12403	10:27:40 - 10:33:29	H-alpha	0,18"	2/1	387	2-	detail
20150822	C1.2/10:21	C6.3/10:25	C3.4/10:31	12403	10:26:17 - 10:37:54	H-alpha	2,06"	2/1	1273	2+	entire disk
20150822	C1.2/10:21	C6.3/10:25	C3.4/10:31	12403	10:27:46 - 10:33:58	CaK	2,06"	2/1	738	2	detail
20150824	07:26	M5.6/12:06	07:35	12403	07:32:57 - 07:54:09	H-alpha	2,06"	2/1	1220	2+	entire disk
20150824	11:59	C2.5/12:06	12:09	12403	12:06:29 - 12:12:57	H-alpha	0,18"	2/1	414	2	detail
20150824	11:59	C2.5/12:06	12:09	12403	12:04:35 - 12:16:07	H-alpha	2,06"	2/1	1160	1-	entire disk
20150824	11:59	C2.5/12:06	12:09	12403	12:08:01 - 12:13:00	CaK	0,69"	2/1	579	2-	detail
20150826	13:41	C9.5/13:53	13:53	12403	13:52:02 - 14:12:43	H-alpha	0,18"	2/1	1263	2-	detail
20150826	13:41	C9.5/13:53	13:53	12403	13:51:12 - 14:13:52	H-alpha	2,06"	2/1	1445	2	entire disk
20150828	08:13	C3.7/08:18	08:31	12403	08:18:14 - 08:34:01	H-alpha	0,18"	2/1	782	2	detail
20150828	11:22	C5.3/11:44	11:54	12403	11:29:53 - 11:54:39	H-alpha	0,18"	2/1	1175	2-	detail
20150828	13:04	M2.2/13:16	13:23	12403	13:11:44 - 13:31:31	H-alpha	0,18"	2/1	1039	2-	detail
20150917	C2.1/09:34	M1.1/09:34	C6.2/09:45	12415	09:33:05 - 09:51:14	H-alpha	0,18"	2/1	911	3+	detail
20150917	C2.1/09:34	M1.1/09:34	C6.2/09:45	12415	09:30:05 - 10:05:37	H-alpha	2,06"	2/1	3051	1	entire disk
20150917	C2.1/09:34	M1.1/09:34	C6.2/09:45	12415	09:34:36 - 09:51:48	CaK	0,69"	2/1	1642	2-	detail
20150929	C1.6/12:54	C4.6/13:04	C3.1/13:23	12422	13:10:46 - 13:26:01	H-alpha	0,18"	2/1	887	2	detail

Solar Activity Monitoring and Forecasting 2015

Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20150929	C1.6/12:54	C4.6/13:04	C3.1/13:23	12422	13:11:49 - 13:26:16	CaK	0,69"	2/1	949	2-	detail
20151001	C1.0/13:03	M4.5/13:10	M2.0/13:14	12422	13:07:39 - 13:20:46	H-alpha	0,18"	2/1	764	2-	detail
20151001	C1.0/13:03	M4.5/13:10	M2.0/13:14	12422	13:11:25 - 13:22:35	H-alpha	2,06"	2/1	876	2-	entire disk
20151001	C1.0/13:03	M4.5/13:10	M2.0/13:14	12422	13:08:51 - 13:21:05	CaK	0,69"	2/1	1179	3+	detail
20151002	C1.2/12:19	M1.0/12:26	C6.0/12:31	12422	12:26:31 - 12:35:53	H-alpha	0,18"	2/1	616	2	detail
20151002	C1.2/12:19	M1.0/12:26	C6.0/12:31	12422	12:30:32 - 12:38:38	H-alpha	2,06"	2/1	793	1-	entire disk
20151002	C1.2/12:19	M1.0/12:26	C6.0/12:31	12422	12:27:22 - 12:36:24	CaK	0,69"	2/1	681	2+	detail
20151002	C1.5/13:31	C7.2/13:37	C4.2/13:49	12422	13:37:27 - 13:54:31	H-alpha	0,18"	2/1	1055	2+	detail
20151024	B3.5/13:20	B7.7/13:30	13:43	12436	13:22:31 - 13:29:50	H-alpha	0,18"	2/1	583	2+	detail
20151026	B3.8/10:21	C2.1/10:29	C1.2/10:41	12437	10:26:41 - 10:50:51	H-alpha	0,18"	2/1	1825	1-	detail
20151026	B3.8/10:21	C2.1/10:29	C1.2/10:41	12437	10:31:19 - 10:45:11	CaK	0,69"	2/1	895	3+	detail
20151031	10:15	C1.5/10:22	10:22	12443	10:19:00 - 10:25:17	H-alpha	0,18"	2/1	201	2	detail

Solar Activity Monitoring and Forecasting 2016

Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20160327	B1.0/10:28	B1.7/10:31	B1.3/10:38	12526	10:33:11 - 10:40:08	H-alpha	0,18"	2/1	578	2	detail
20160327	B1.2/ 12:13	B4.2/12:19	12:26	12524	12:21:01 - 12:26:19	H-alpha	0,18"	2/1	362	2-	detail
20160506	10:04	B4.4/10:10	10:24	12541	10:16:47 - 10:21:15	H-alpha	0,18"	2/1	370	1-	detail
20160707	07:49	C5.1/07:56	08:06	12561	08:01:30 - 08:15:01	CaK	0,69"	2/1	1297	2-	detail
20160707	07:49	C5.1/07:56	08:06	12561	08:02:57 - 08:13:24	H-alpha	2,06"	2/1	574	2	entire disk
20160709	09:01	B9.8/09:04	09:07	12564	09:07:26 - 09:11:58	H-alpha	2,06"	2/1	137	2	entire disk
20160721	B4.8/11:06	C7.2/11:19	C2.9/11:22	12565	11:21:09 - 11:28:50	H-alpha	0,18"	2/1	807	2	detail

Solar Activity Monitoring and Forecasting 2017

Date	Beg/X-Ray	Max/X-Ray	End/X-Ray	Region	Data from-to (UTC)	Spectr.line	Pixel size	Cadence	Number of images	Quality	Remark
20170328	B2.1/07:12	C1.1/07:19	B5.8/07:23	12645	07:14:38 - 07:27:39	H-alpha	0,18"	2/1	848	2	detail
20170402	C1.3/07:50	M5.3/08:02	M2.7/08:13	12644	07:58:22 - 08:23:16	H-alpha	0,18"	2/1	2087	2+	detail
20170402	C1.3/07:50	M5.3/08:02	M2.7/08:13	12644	07:55:21 - 08:25:10	H-alpha	2,06"	2/1	1576	1-	entire disk
20170402	B6.3/12:52	M2.3/13:00	M1.1/13:00	12644	12:53:47 - 13:14:27	H-alpha	0,18"	2/1	1301	2+	detail
20170402	B6.3/12:52	M2.3/13:00	M1.1/13:00	12644	12:59:53 - 13:15:32	H-alpha	2,06"	2/1	1256	1	entire disk