

TABLE OF OBSERVING ACTIVE REGIONS IN 2014 (Ca II K)

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

We observe with these telescopes: refractor (diameter lens 80 mm, focal length 1 200 mm), telescope has ethalon CaK, 2,4 Å
- synoptic telescope CaK/B1200 60/500 mm, 2,4Å

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.

LEGEND

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

number: number images in the archiv

series: number of series in observing day

TABLE OF OBSERVING ACTIVE REGIONS IN 2014 (Ca II K)

DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20140208	2014	02	08	11974	10:40	10:41	4	1	2-
20140217	2014	02	17	11977	13:23	13:24	4	1	2
20140220	2014	02	20	11982	09:47	09:47	4	1	2
20140301	2014	03	01	11987	08:23	09:11	6	2	3+
				11990	09:04	09:05	4	1	3+
				11991	09:04	09:05	4	1	3+
20140302	2014	03	02	11990	09:53	09:53	4	1	3+
				11991	09:59	10:00	4	1	3+
20140309	2014	03	09	11996	10:27	10:28	4	1	2
				11998	10:37	10:37	3	1	2
20140310	2014	03	10	11996	08:57	09:31	8	2	2
				11998	08:44	10:07	8	2	2
				12002	08:50	08:50	4	1	2
20140311	2014	03	11	11996	09:55	09:55	4	1	2
				12002	09:49	09:50	5	1	2+
20140312	2014	03	12	11996	08:59	09:00	4	1	2+
				11998	08:51	08:51	3	1	2+
				12002	08:38	08:38	3	1	2
				12003	08:55	08:56	4	1	2
20140313	2014	03	13	CWDISC	09:45	13:15	24	6	1-
				11998	10:01	11:15	7	2	2+
				12002	09:37	11:29	8	2	2+
				12003	09:55	13:51	10	3	2+
20140314	2014	03	14	CWDISC	09:42	12:52	11	3	1-
				12002	08:16	10:54	9	3	1-
				12003	09:39	09:39	2	1	2
				12005	09:02	09:02	2	1	2
20140320	2014	03	20	CWDISC	11:24	13:06	10	3	2+
20140330	2014	03	30	CWDISC	09:05	09:05	4	1	1-
20140427	2014	04	27	12042	14:35	14:35	4	1	1-
				12045	14:31	14:31	4	1	1
				12047	14:38	14:39	4	1	1

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20140427	2014	04	27	12048	14:27	14:28	4	1	1
				12049	14:41	14:42	3	1	1
20140430	2014	04	30	CWDISC	13:34	14:30	8	2	2+
				12045	13:48	13:49	3	1	1
				12047	13:28	13:28	3	1	1-
				12048	13:33	13:33	3	1	1
				12049	13:02	13:03	3	1	1
				12050	13:11	13:11	3	1	1-
20140501	2014	05	01	CWDISC	07:45	08:33	12	3	1-
				12045	08:14	11:20	8	2	2
				12047	11:02	11:03	4	1	2
				12049	07:59	09:12	8	2	2-
				12050	11:23	11:23	4	1	2+
20140504	2014	05	04	12047	11:54	11:55	3	1	1
				12051	11:54	11:55	3	1	1
20140506	2014	05	06	12049	10:55	10:55	3	1	2
				12052	11:04	11:05	3	1	2
				12053	10:01	10:01	3	1	2-
				12054	11:16	11:17	3	1	2-
				12055	09:50	09:50	3	1	2-
20140508	2014	05	08	CWDISC	11:21	11:50	7	2	1-
				12050	11:23	11:23	3	1	1-
				12055	11:08	11:08	3	1	1-
				12056	10:51	10:51	4	1	1-
				12057	11:00	11:01	3	1	1-
				12058	11:14	11:14	3	1	1-
20140510	2014	05	10	12056	11:31	11:31	3	1	2+
				12057	12:51	12:51	4	1	2
				12058	13:00	13:00	4	1	2
20140519	2014	05	19	CWDISC	07:48	14:36	16	5	2
				12060	12:24	14:46	7	2	2
				12061	12:20	14:41	7	2	1-

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20140519	2014	05	19	12063	08:40	08:41	3	1	1-
				12066	12:20	14:41	7	2	1-
				12069	12:44	12:45	4	1	1-
20140520	2014	05	20	CWDISC	07:39	15:46	30	9	1
				12061	09:49	15:56	10	3	1
				12066	09:49	15:56	10	3	1
				12071	12:14	16:07	7	2	1
20140521	2014	05	21	CWDISC	06:14	15:59	24	8	2
				12061	06:53	07:18	8	2	1
				12065	07:56	07:57	3	1	2+
				12066	06:53	07:18	8	2	1
				12069	07:04	07:04	3	1	1
				12071	07:46	07:46	3	1	2+
				12072	07:04	07:57	7	2	1, 2+
20140522	2014	05	22	CWDISC	09:01	15:59	21	7	2+
				12061	07:24	14:10	9	3	1-
				12066	07:24	14:10	12	4	1-
				12071	07:15	11:02	6	2	1-
				12073	07:15	11:02	6	2	1-
20140523	2014	05	23	CWDISC	07:26	08:59	6	2	1
				12061	09:47	13:31	6	2	2+
				12066	09:47	13:31	6	2	2+
				12071	08:55	11:49	7	2	1-
				12072	09:58	12:02	6	2	2+
				12073	08:55	11:49	7	2	1-
20140526	2014	05	26	CWDISC	07:44	09:46	12	4	1
20140606	2014	06	06	CWDISC	16:04	16:04	4	1	1-
				12077	14:43	14:43	3	1	1-
				12079	15:07	15:08	4	1	2
				12080	10:31	14:53	7	2	2-
				12082	15:33	15:33	4	1	2-
20140607	2014	06	07	CWDISC	06:49	14:11	29	8	2+

TABLE OF OBSERVING ACTIVE REGIONS IN 2014 (Ca II K)

DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20140607	2014	06	07	12077	07:29	11:45	10	3	2-
				12079	07:47	11:53	10	3	2-
				12080	07:16	13:29	14	4	2-
				12082	09:08	13:33	15	4	1-, 2-
				12084	09:37	11:45	6	2	2
				12085	07:16	13:29	14	4	2-
20140608	2014	06	08	CWDISC	08:58	10:08	7	2	2
				12077	09:23	11:09	7	2	1
				12079	09:10	09:10	4	1	1
				12080	08:44	11:15	8	2	1
				12082	08:21	08:21	4	1	1
				12084	09:23	11:09	7	2	1
				12085	08:44	11:15	8	2	1
20140609	2014	06	09	CWDISC	07:55	14:12	21	7	2+
				12077	13:16	13:16	3	1	1-
				12080	06:42	12:40	9	3	1-
				12084	13:16	13:16	3	1	1-
				12085	06:42	07:34	6	2	1-
20140610	2014	06	10	CWDISC	07:24	13:40	24	8	2
				12077	15:06	15:06	4	1	2
				12079	15:02	15:02	4	1	1-
				12080	06:31	14:48	10	3	1-
				12082	14:53	14:53	4	1	2+
				12084	15:06	15:06	4	1	2
				12085	06:31	14:48	10	3	1-
				12087	11:45	14:43	11	2	2, 2-
20140611	2014	06	11	CWDISC	06:24	15:03	27	8	2
				12079	07:12	13:32	7	2	1-
				12080	08:43	13:38	10	3	2
				12082	09:53	13:25	7	2	2
				12085	08:43	13:38	10	3	2
				12087	08:15	12:55	20	6	1-

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20140611	2014	06	11	12089	10:55	13:02	7	2	2+
				12090	11:26	13:20	7	2	2-
20140613	2014	06	13	CWDISC	06:46	12:43	9	3	1-
				12080	14:53	14:53	4	1	2
				12082	15:00	15:00	4	1	2
				12085	14:53	14:53	4	1	2
				12087	13:06	14:45	6	2	2
				12088	14:53	14:53	4	1	2
				12089	15:08	15:08	4	1	2
				12091	15:17	15:18	4	1	2-
				12092	13:06	14:45	6	2	2
20140614	2014	06	14	12087	15:57	15:58	3	1	2
				12090	16:01	16:01	4	1	2
				12092	15:57	15:58	3	1	2
20140616	2014	06	16	CWDISC	07:08	13:57	21	7	1-
				12087	06:59	07:00	2	1	2+
				12089	08:56	11:35	6	2	2
				12090	09:34	10:58	7	2	1, 2
				12092	06:59	07:00	2	1	2+
20140617	2014	06	17	CWDISC	07:42	16:01	23	8	1-
20140618	2014	06	18	CWDISC	07:00	13:49	27	8	2+, 2-
20140619	2014	06	19	CWDISC	06:57	11:27	17	5	2
20140620	2014	06	20	12093	09:25	09:25	3	1	2+
				12094	09:25	09:25	3	1	2+
20140623	2014	06	23	CWDISC	07:30	07:30	3	1	1
20140624	2014	06	24	CWDISC	07:07	12:30	6	2	1
				12096	13:36	13:36	3	1	3+
				12097	13:36	13:36	3	1	3+
				12098	13:31	13:31	4	1	2-
20140625	2014	06	25	12098	13:24	13:24	4	1	2
20140627	2014	06	27	CWDISC	06:46	15:13	29	8	1
				12096	06:56	14:47	19	5	2+, 2

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20140627	2014	06	27	12097	06:56	14:47	19	5	2+, 2
				12098	08:19	11:59	11	3	1-, 2
				12100	10:41	10:56	12	3	1-, 2
20140701	2014	07	01	CWDISC	12:20	12:49	7	2	2
				12096	16:16	15:16	3	1	2
				12097	15:16	15:16	3	1	2
				12100	15:42	15:43	3	1	1-
				12102	12:40	15:05	6	2	1-, 2-
				12104	12:32	14:58	8	2	2
				12106	11:50	15:05	10	3	1-, 2-
				12107	12:32	14:58	8	2	2
20140703	2014	07	03	CWDISC	07:06	07:06	3	1	1
				12102	15:55	15:55	3	1	2+
				12104	15:27	15:27	4	1	2-
				12106	07:07	15:35	7	2	1, 2-
				12107	15:27	15:27	4	1	2-
				12108	15:08	15:09	3	1	2
				12109	15:08	15:09	3	1	2
20140704	2014	07	04	CWDISC	07:17	14:40	20	7	2-
				12102	07:54	07:54	3	1	1
				12104	07:34	07:34	3	1	1
				12106	07:43	07:43	3	1	1
				12107	07:34	07:34	3	1	1
				12109	06:33	06:33	3	1	2
20140707	2014	07	07	CWDISC	07:53	16:29	36	9	2+
				12102	07:50	08:02	3	1	1
				12103	15:08	15:09	3	1	1
				12104	11:19	14:13	13	4	1-
				12106	10:04	16:25	23	7	1-
				12107	11:13	11:13	2	1	1-
				12108	09:44	12:56	10	3	1, 2+
				12109	08:07	15:43	26	8	1, 2+

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20140707	2014	07	07	12110	11:06	11:07	4	1	2+
				12111	08:26	15:02	8	3	1
				12113	14:50	15:48	6	2	2+
20140708	2014	07	08	CWDISC	06:50	08:45	8	2	1
				12108	08:12	08:12	4	1	1-
				12109	08:21	08:22	4	1	1-
20140712	2014	07	12	CWDISC	13:26	16:54	20	5	1
				12108	13:05	16:46	12	3	2
				12109	13:05	16:46	12	3	2
				12111	16:40	16:41	4	1	2+
				12113	15:55	17:04	12	3	2-
				12114	15:30	16:31	8	2	1*
				12116	15:30	16:31	8	2	1-
				12117	15:55	17:04	12	3	2-
20140713	2014	07	13	CWDISC	06:50	12:49	20	5	1
				12111	06:54	06:55	4	1	1
				12113	06:43	11:23	8	2	1, 2-
				12114	06:48	06:49	4	1	1
				12116	06:48	06:49	4	1	1
				12117	06:43	11:23	8	2	1, 2-
20140714	2014	07	14	CWDISC	07:01	13:21	26	7	1
				12109	09:12	12:56	9	3	1, 3+
				12113	09:20	12:45	11	3	3
				12114	09:26	12:51	11	3	3
				12117	09:20	12:45	11	3	3
20140715	2014	07	15	CWDISC	07:48	10:42	12	4	1
				12111	09:36	09:37	2	1	1
				12113	07:50	07:50	4	1	1-
				12114	08:14	08:14	2	1	1-
				12117	07:50	07:50	4	1	1-
20140716	2014	07	16	CWDISC	06:28	17:03	40	13	1
20140717	2014	07	17	CWDISC	06:09	15:07	34	11	1

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20140719	2014	07	19	CWDISC	06:04	16:00	36	12	1-
				12118	06:16	14:33	12	4	2
				12119	06:45	14:27	17	6	2+
				12120	06:52	14:41	8	2	2+
20140720	2014	07	20	CWDISC	06:14	15:48	39	13	1
				12118	06:12	15:11	22	6	1-
				12119	05:46	16:02	31	8	2+
				12120	10:25	10:25	4	1	1
20140722	2014	07	22	12119	15:25	15:25	4	1	2
				12123	15:21	15:21	3	1	2
20140725	2014	07	25	CWDISC	10:39	15:42	22	7	1
				12121	08:38	15:21	7	2	2
				12122	08:45	08:45	4	1	2
				12123	08:45	08:45	4	1	2
20140726	2014	07	26	CWDISC	06:32	14:36	38	10	1
				12121	07:37	07:38	4	1	1
				12122	07:42	07:43	4	1	1
				12123	07:42	07:43	4	1	1
20140727	2014	07	27	CWDISC	07:13	07:13	3	1	1
				12121	11:27	11:27	3	1	2+
				12123	11:38	11:38	4	1	1
				12124	12:51	12:52	4	1	1
				12125	12:51	12:52	4	1	1
				12126	11:38	11:38	4	1	1
20140730	2014	07	30	CWDISC	07:00	10:59	19	5	1
				12121	08:32	08:33	4	1	2+
				12124	07:46	07:46	4	1	2
				12125	07:01	07:49	8	2	2
				12127	07:01	07:02	4	1	2
				12128	07:01	07:02	4	1	2
				12130	06:35	06:35	4	1	2
				12131	07:01	07:02	4	1	2

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20140802	2014	08	02	CWDISC	08:15	14:33	31	9	1
				12121	11:55	11:55	4	1	1-
				12126	09:15	16:08	12	3	2+
				12127	08:45	16:02	13	3	1-
				12128	09:00	16:02	13	3	1, 2
				12130	08:32	15:47	8	2	1
				12131	09:00	16:02	13	3	1, 2
				12132	07:57	15:56	13	4	1-
				12133	10:06	16:22	8	2	2, 2-
				12134	10:06	16:22	8	2	2, 2-
20140803	2014	08	03	CWDISC	09:23	14:29	19	5	1
				12127	14:50	14:50	3	1	1-
20140805	2014	08	05	12130	12:59	12:59	4	1	3
				12132	11:32	11:34	4	1	2-
				12134	13:18	13:18	3	1	2-
20140807	2014	08	07	CWDISC	09:42	09:42	4	1	2+
20140808	2014	08	08	CWDISC	07:39	15:47	24	8	1-
				12127	09:20	13:37	7	2	2
				12128	09:20	13:37	7	2	2
				12130	09:20	13:37	7	2	2
				12132	08:41	13:47	12	3	2
				12134	08:53	13:42	8	2	2+
				12135	08:47	13:30	12	4	2-
20140809	2014	08	09	CWDISC	07:38	14:01	25	8	1
				12132	10:26	10:26	3	1	2
				12134	08:44	08:44	4	1	1-
				12135	07:55	08:56	4	1	1-
20140810	2014	08	10	CWDISC	08:24	15:56	19	6	1-, 2-
20140815	2014	08	15	CWDISC	10:22	10:23	3	1	2
				12135	11:08	11:08	3	1	1
				12137	11:12	11:13	3	1	1
				12139	10:50	10:51	3	1	1

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20140815	2014	08	15	12141	10:57	10:58	3	1	1
				12144	11:02	11:03	3	1	1
20140818	2014	08	18	CWDISC	06:57	10:35	12	4	1, 2
				12141	07:36	09:03	8	2	1-
				12146	07:43	07:43	4	1	2+
				12147	07:55	07:55	4	1	2+
20140821	2014	08	21	12143	10:21	10:26	4	1	2
				12148	13:34	13:36	3	1	2
20140822	2014	08	22	CWDISC	07:49	07:49	3	1	1
				12146	15:50	16:01	4	1	2+
20140823	2014	08	23	CWDISC	07:04	07:05	4	1	1
20140825	2014	08	25	CWDISC	07:44	12:00	16	5	1
				12146	07:55	15:30	10	3	2
				12146	07:37	07:37	3	1	1
20140828	2014	08	28	CWDISC	12:29	15:38	15	5	1
20140829	2014	08	29	CWDISC	07:11	08:03	8	2	1
20140830	2014	08	30	CWDISC	08:40	08:41	4	1	1-
20140904	2014	09	04	CWDISC	12:15	14:23	10	3	1
				12152	12:50	13:24	7	2	2
				12153	12:50	12:50	3	1	2+
				12154	12:53	12:53	3	1	2+
				12155	12:57	12:58	4	1	2
				12157	12:57	12:58	4	1	2
20140908	2014	09	08	12155	09:11	09:15	3	1	2-
				12157	09:11	09:15	3	1	2-
				12158	09:04	09:04	3	1	2
20140910	2014	09	10	12158	13:02	13:03	4	1	1
20140919	2014	09	19	CWDISC	10:12	13:10	16	4	1-
				12164	10:35	12:10	8	2	2
				12166	10:39	10:39	4	1	1
				12167	12:15	12:16	4	1	2-
				12168	08:59	08:59	4	1	1-

TABLE OF OBSERVING ACTIVE REGIONS IN 2014 (Ca II K)

DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20140919	2014	09	19	12169	09:09	09:09	4	1	2+
				12170	09:09	09:09	4	1	2+
				12171	09:42	12:23	8	2	3+
20140924	2014	09	24	CWDISC	12:04	14:08	13	4	1
				12169	11:38	14:32	10	3	1, 2-
				12170	11:38	14:32	10	3	1, 2-
				12171	13:15	13:51	8	2	2+
				12172	11:36	14:11	12	3	2+, 2-
				12173	13:15	13:51	8	2	2+
20140928	2014	09	28	CWDISC	09:02	13:49	26	7	1
				12171	09:30	11:56	8	2	1
				12172	09:12	11:53	8	2	1
				12173	09:12	11:53	8	2	1
				12175	09:33	11:47	8	2	2+
				12177	09:37	12:00	8	2	1-
				12178	12:06	12:06	3	1	2-
20140929	2014	09	29	CWDISC	08:41	14:16	23	6	1
				12175	14:12	14:12	4	1	2
				12177	09:33	09:33	4	1	2+
				12178	09:15	09:15	4	1	3+
				12179	09:15	09:15	4	1	3
20141009	2014	10	09	CWDISC	09:57	13:34	10	3	1-
				12182	09:59	12:18	7	2	2-
				12184	12:23	12:24	3	1	2
				12186	09:19	09:19	3	1	2-
20141010	2014	10	10	CWDISC	08:49	11:26	14	4	1-
				12182	10:10	10:10	3	1	1-
				12186	10:37	10:37	4	1	1-
20141019	2014	10	19	CWDISC	08:43	10:13	11	3	2-
				12187	09:09	09:10	3	1	3
				12192	09:03	09:04	4	1	3+
20141021	2014	10	21	12192	12:20	12:39	7	2	1-

TABLE OF OBSERVING ACTIVE REGIONS IN 2014 (Ca II K)

DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20141021	2014	10	21	12194	12:50	12:50	3	1	2+
20141027	2014	10	27	12192	09:45	19:49	3	1	1
20141028	2014	10	28	12192	08:24	10:57	10	3	2
				12194	10:44	10:46	3	1	2-
				12195	10:39	10:40	3	1	2-
				12196	10:33	10:34	3	1	2-
20141028	2014	10	28	12197	10:33	10:34	3	1	2-
20141029	201	10	29	12192	11:38	11:38	3	1	2
				12194	11:23	11:24	2	1	2
				12195	11:28	11:29	3	1	2
				12196	11:33	11:33	3	1	2-
				12197	11:33	11:33	3	1	2-
				12198	11:23	11:24	2	1	2
20141102	2014	11	02	12201	09:14	09:15	4	1	2+
				12203	09:22	09:22	4	1	2
				12204	09:18	09:19	4	1	2+
20141111	2014	11	11	12205	07:29	07:29	4	1	1-