

TABLE OF OBSERVING ACTIVE REGIONS IN 2013 (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 2013 (Ca II K)

DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20130416	2013	04	16	CWIDSC	07:35	07:35	4	1	2-
20130516	2013	05	16	11745	08:34	08:43	6	2	1-
				11748	08:42	08:43	5	2	1-
20130618	2013	06	18	11770	09:43	09:43	4	1	1-
				11772	09:43	09:43	4	1	1-
				11773	09:45	10:00	4	2	1-
				11774	09:43	09:43	4	1	1
				11775	09:44	09:44	3	1	1
20130620	2013	06	20	CWIDSC	07:43	13:44	21	7	2+
20130623	2013	06	23	CWIDSC	08:44	09:45	11	4	2
20130628	2013	06	28	CWIDSC	14:54	14:54	3	1	2+
20130629	2013	06	29	CWIDSC	12:37	12:38	3	1	1-
20130701	2013	07	01	CWIDSC	07:58	10:56	7	2	2
20130702	2013	07	02	CWIDSC	07:17	11:59	11	4	2+
20130704	2013	07	04	CWIDSC	06:17	14:02	32	11	2+
20130709	2013	07	09	CWIDSC	06:33	15:26	48	12	2
20130710	2013	07	10	CWIDSC	06:22	12:47	18	6	2+
20130713	2013	07	13	CWIDSC	09:11	11:13	8	2	2-
20130716	2013	07	16	CWIDSC	07:25	12:48	10	3	1-
				11791	11:41	11:41	1	1	2
				11793	11:47	11:48	2	1	2
20130717	2013	07	17	CWIDSC	06:28	14:02	34	11	2+
20130719	2013	07	19	CWIDSC	10:45	12:21	5	1	1-
20130721	2013	07	21	CWIDSC	06:30	15:37	33	1	2
				11793	08:17	08:17	2	1	2
				11800	08:28	08:29	3	1	1-
20130722	2013	07	22	CWIDSC	06:22	14:39	30	10	2
				11793	07:41	08:15	10	5	2+
				11800	07:50	07:51	6	1	1-
20130723	2013	07	23	CWIDSC	07:04	13:09	21	7	2
				11793	07:34	12:25	10	5	1-
				11800	07:29	11:20	11	5	1-

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20130723	2013	07	23	11801	07:44	07:44	2	1	1-
20130724	2013	07	24	CWDISC	06:36	15:27	17	6	2+
20130725	2013	07	25	CWDISC	13:20	13:20	4	1	2-
20130726	2013	07	26	CWDISC	06:30	16:46	109	17	2
				11793	08:19	12:28	5	2	2
				11800	08:23	12:16	11	3	2+
				11801	08:38	12:22	5	2	2
20130727	2013	07	27	CWDISC	09:24	15:56	19	6	2
20130728	2013	07	28	CWDISC	06:51	13:33	27	9	1-
20130729	2013	07	29	CWDISC	07:00	15:45	52	14	2+
				11800	12:21	12:53	8	2	2+
				11801	12:08	12:08	3	1	2
				11805	12:21	12:53	8	2	2+
				11806	12:31	12:43	5	2	1-
20130731	2013	07	31	CWDISC	09:44	09:44	4	1	2
20130801	2013	08	01	CWDISC	07:08	15:35	30	8	2
20130802	2013	08	02	CWDISC	06:14	15:38	60	19	2
20130803	2013	08	03	CWDISC	06:50	14:37	30	10	2
20130804	2013	08	04	CWDISC	06:33	14:54	39	11	2+
20130805	2013	08	05	CWDISC	07:10	14:18	30	10	2+
20130806	2013	08	06	CWDISC	06:23	15:45	57	15	2+
20130807	2013	08	07	CWDISC	08:03	15:32	24	8	2
				11806	08:55	09:08	6	2	2-
				11808	08:15	08:16	5	1	2-
				11809	08:08	08:08	4	1	1-
				11810	07:41	07:42	4	1	1
20130808	2013	08	08	CWDISC	07:40	14:40	27	9	1-
				11808	07:20	07:20	3	1	2+
				11809	07:15	07:16	6	1	1-
				11810	07:07	07:49	8	2	2-
				11813	07:07	07:49	8	2	2-
				11814	07:25	07:25	3	1	2

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20130808	2013	08	08	11815	07:20	07:20	3	1	2+
				11816	07:25	07:25	3	1	2
20130811	2013	08	11	CWDISC	07:10	15:58	42	12	2
20130812	2013	08	12	CWDISC	06:38	15:34	68	17	2+
				11817	08:07	11:13	8	3	1-, 2+
				11818	07:55	07:56	3	1	2
20130813	2013	08	13	CWDISC	06:13	06:50	6	2	2
20130814	2013	08	14	CWDISC	07:32	15:23	20	7	2
				11817	08:20	10:42	10	3	2+
				11818	08:09	09:30	9	2	2+
				11820	08:25	09:18	7	2	2
20130815	2013	08	15	CWDISC	06:11	15:57	36	12	2+
				11817	07:19	12:30	10	3	1-
				11818	07:05	12:20	30	7	2
				11820	07:32	10:38	7	2	2
				11821	07:25	10:29	4	2	2+
20130816	2013	08	16	CWDISC	06:54	15:58	40	11	2-
				11817	08:11	11:38	7	3	2
				11818	07:57	13:28	38	4	3+
				11820	08:21	11:53	12	4	2
				11821	08:17	08:17	2	2	2
				11822	08:33	11:55	10	3	2
				11823	08:33	11:55	10	3	2
20130817	2013	08	17	CWDISC	07:08	15:31	33	9	2
				11817	10:09	12:33	8	2	2+
				11818	09:56	12:38	9	2	1-
				11820	10:17	12:59	8	2	1-
				11822	10:23	13:03	8	2	2+
				11823	10:23	13:03	8	2	2+
				11824	12:54	12:54	4	1	2+
20130818	2013	08	18	CWDISC	07:12	15:20	45	12	2
				11817	07:18	11:46	9	3	2-

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20130818	2013	08	18	11818	07:18	11:46	9	3	2-
				11823	09:00	09:00	4	1	2+
				11827	09:00	09:00	4	1	2+
20130822	2013	08	22	CWDISC	07:10	15:25	33	9	2-
20130823	2013	08	23	CWDISC	07:00	15:47	33	9	1-
				11820	13:40	13:40	3	1	2+
				11823	13:32	13:32	3	1	1-
				11825	13:56	13:56	2	1	2-
				11830	13:40	13:40	3	1	2+
				11831	13:56	13:56	2	1	2-
				11832	13:56	13:56	2	1	2-
20130830	2013	08	30	CWDISC	11:46	15:43	8	3	1-
				11834	09:05	09:05	5	1	3+
				11835	08:14	08:16	4	1	2+
				11836	08:37	08:38	4	1	1-
20130831	2013	08	31	CWDISC	10:51	13:00	9	3	1-
				11834	11:28	11:28	4	1	1-
				11835	11:22	11:22	4	1	1
				11836	11:34	11:35	4	1	1-
20130903	2013	09	03	CWDISC	13:30	15:36	9	3	2+
				11834	14:20	14:28	7	2	2
				11835	14:39	14:40	4	1	2-
				11836	14:00	14:00	4	1	2+
				11837	14:08	14:09	4	1	2
20130904	2013	09	04	CWDISC	07:38	10:58	9	3	1-
				11837	11:22	11:24	3	1	3
20130905	2013	09	05	CWDISC	07:21	11:35	12	4	2+
20130906	2013	09	06	CWDISC	07:51	13:55	18	6	2+
20130907	2013	09	07	CWDISC	07:34	10:18	9	3	2
20130908	2013	09	08	CWDISC	07:05	12:17	18	6	1-
				11836	09:53	12:01	8	2	1-
				11838	09:59	11:54	8	2	2+

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20130910	2013	09	10	CWDISC	07:11	09:24	10	3	2+
20130911	2013	09	11	11838	15:02	15:02	3	1	1-
				11839	14:58	14:58	3	1	2+
20130912	2013	09	12	CWDISC	08:06	10:16	6	2	2+
20130918	2013	09	18	11841	07:58	07:58	3	1	2+
				11843	07:53	07:54	4	1	2+
				11845	08:03	08:03	3	1	2+
				11846	08:03	08:03	3	1	2+
				11847	08:08	08:08	3	1	2
20130925	2013	09	25	11846	07:29	07:33	3	1	3+
				11849	07:35	07:35	4	1	2-
				11850	07:25	07:25	4	1	1
20130927	2013	09	27	11846	13:02	13:02	3	1	3+
				11850	12:55	12:55	2	1	3+
20130928	2013	09	28	11846	09:39	09:40	5	1	2-
				11850	09:33	09:33	4	1	1-
				11854	09:44	09:45	4	1	2-
20130929	2013	09	29	CWDISC	10:19	10:19	3	1	1-
				11846	09:19	09:19	6	1	2-
				11850	09:16	09:16	4	1	2-
				11854	09:26	09:26	5	1	2
				11855	09:28	09:29	4	1	2
20130930	2013	09	30	11850	11:33	11:33	5	1	3+
				11854	11:20	11:21	6	1	2+
				11855	11:28	11:28	4	1	2
20131001	2013	10	01	11850	11:35	11:35	4	1	2+
				11854	11:26	11:27	4	1	1-
				11855	11:21	11:43	7	2	2-
20131002	2013	10	02	11854	09:07	09:08	5	1	1-
				11855	09:02	09:04	5	1	2+
				11856	09:10	09:12	5	1	1-
20131003	2013	10	03	11855	09:16	12:27	6	2	1-, 2-

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20131003	2013	10	03	11856	09:22	09:23	5	1	3+
				11857	09:22	09:23	5	1	3+
				11858	09:32	09:33	6	1	3+
20131004	2013	10	04	11855	08:57	11:56	12	3	2
				11856	08:29	12:06	10	3	1, 2-
				11857	08:29	12:06	10	3	1, 2-
				11858	09:00	11:50	11	3	2-
				11859	10:35	12:02	6	2	2+
20131008	2013	10	08	11856	13:53	13:54	4	1	1
				11857	13:47	13:47	3	1	1
				11860	14:13	14:13	3	1	1
				11861	13:59	14:00	3	1	1
				11862	14:20	14:20	3	1	1
20131013	2013	10	13	CWDISC	09:07	10:45	12	4	2+
				11861	09:32	09:33	4	1	1-
				11863	09:58	09:59	3	1	1-
				11864	09:49	09:50	3	1	1-
				11865	09:49	09:50	3	1	1-
				11867	09:25	09:26	3	1	2
20131017	2013	10	17	11861	09:00	09:00	4	1	2-
				11872	07:45	07:46	3	1	2
				11873	07:40	07:40	4	1	3+
20131019	2013	10	19	CWDISC	09:09	11:06	9	3	1-
				11861	10:34	10:34	4	1	3+
				11868	10:02	10:03	3	1	1
				11869	09:54	09:54	4	1	1-
				11872	08:31	08:31	3	1	1-
				11873	09:33	09:33	3	1	1-
				11874	08:38	08:38	3	1	1-
				11875	08:17	11:16	6	2	1-, 2+
				11877	08:24	08:24	4	1	2
20131022	2013	10	22	11872	13:54	13:54	3	1	1+

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DATE	YEAR	MONTH	DAY	REGION	SINCE	TO	NUMBER	SERIES	QUALITY
20131022	2013	10	22	11875	09:13	09:13	5	1	1+
20131023	2013	10	23	CWDISC	11:35	11:35	3	1	2-
20131026	2013	10	26	11875	13:26	13:27	4	1	2+
				11877	08:24	08:25	4	1	2
				11879	08:24	08:25	4	1	2
				11882	08:12	08:12	6	1	2
				11884	08:20	08:21	3	1	2
				11885	08:20	08:21	3	1	2
20131031	2013	10	31	11882	10:55	13:14	9	3	2+
				11884	11:15	11:15	3	1	1-
				11885	10:03	13:00	10	3	1-, 2-
				11886	13:26	13:26	4	1	3
				11887	13:34	13:34	3	1	2-
20131101	2013	11	01	CWDISC	08:02	08:35	6	2	2-
				11882	08:35	08:35	3	1	2
				11884	08:27	08:27	4	1	2-
				11885	08:27	08:27	4	1	2-
				11886	08:39	08:39	4	1	2-
				11888	08:35	08:35	3	1	2
20131108	2013	11	08	CWDISC	13:08	13:46	6	2	1-
				11889	12:56	12:56	4	1	3+
				11890	12:44	13:20	6	2	2-
				11891	12:51	12:52	3	1	2-
				11892	13:08	13:08	4	1	2
				11893	13:13	13:13	3	1	2
20131216	2013	12	16	11917	13:20	13:20	5	1	3
				11918	13:20	13:20	5	1	3
				11920	13:15	13:15	2	1	3
				11921	13:15	13:15	2	1	3
20131217	2013	12	17	11920	11:22	11:22	3	1	3+
				11921	11:22	11:22	3	1	3+
				11925	11:16	11:17	4	1	3+