

B.R.N.O. Contributions #39

Times of minima

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Abstract

This paper presents 1463 times of minima for 455 objects acquired by 46 members and cooperating observers of the Variable Star and Exoplanet Section of the Czech Astronomical Society (B.R.N.O. Observing project). Observations were carried out between October 2013 – September 2014. Some neglected southern eclipsing binaries and newly discovered stars by the observers of project B.R.N.O. are included in the list.

Introduction

We introduce 1463 times of minima (1429 CCD-based, 42 DSLR¹-based) of 455 eclipsing binary objects. These timings were acquired by 46 observers from around the world during 2013 – 2014. Observers are mostly members and collaborators of the *Variable Star and Exoplanet Section of Czech Astronomical Society (VSES)* - B.R.N.O. Observing project (“Brno Regional Network of Observers” group; hereafter B.R.N.O.).

This paper contains only new, previously unpublished observations.

CCD and DSLR frames were mostly reduced by *C-MuniPack* code (Motl, 2007), the well-known adaptation of *MuniPack* code (Hroch, 1998), based on *DaoPhot* routines (Stetson, 1987, 1991).

The times of minima were determined by the method which uses phenomenological description of the eclipse shape (Brát et al., 2012; Cagaš & Pejcha, 2012; Chrastina et al., 2014). There is an on-line fitting tool implemented to minima protocols in the var2.astro.cz. The uncertainty of the minimum time (one sigma significance level, column 2 in Table 1), has been derived using bootstrapp method (Brát et al., 2012).

All observations were first submitted to the on-line protocols of B.R.N.O. project². This submission is done by observers themselves. After that, each observation is visually validated by the database administrators (K. Hoňková, J. Juryšek) and only observations with well defined minimum are accepted to the on-line database. Before publication, each minimum is marked as primary or secondary one, according to O-C gateway³ (Paschke & Brát, 2006). This paper contains only minima of variable stars with previously published light elements (VSX, OEJV, IBVS etc.).

Description of the paper

There are two sections in this paper. Section 1 contains table with times of minimum, light elements and other related informations. In Section 2, several tables with statistics and details about new variables in CzeV (Brát, 2006) and SvkV catalogues (marked in Table 1) can be found.

The Table 1 contains the times of minima in HJD based on UTC. Each published observation can be viewed in detail following the link under HJD number. There are both light curve and reference CCD frame available. Notes made by observers can be found there as well. If orbital light elements are known (Paschke & Brát, 2006), the O-C value is also given in the Table 1. Based on recent observations, light elements in the O-C gateway are updated continuously by A. Paschke. That is why the Column 4 in Table 4 may contain out of date values (listed O-C values are related to September 2014), but the active link under these values leads to correct O-C diagrams and light elements.

¹ DSLR - Digital Single-Lens Reflex camera

² <http://var2.astro.cz/brno/protokoly.php>

³ <http://var.astro.cz/ocgate/>

We would like to point out that the character of a minimum (primary/secondary) depends only on used light elements – especially for EW binaries. All light elements used for character of minima determination were taken from the O-C gateway.

In the Table 1, there are observations of neglected southern eclipsing binaries presented as well. They were obtained mainly by FRAM⁴ team (M. Mašek, J. Juryšek and K. Hoňková, with technical support from Institute of Physics ASCR, v. v. i.) in Argentina.

Some of the observations were obtained by the set of equipment⁵ borrowed from the VSES. In the Table 1, these observations are described as „Set from VSES“. The telescope, situated in Jílové u Prahy (49.895° N, 14.493° E), is remotely controlled via internet. The observations with this telescope are currently available for all of VSES members⁶.

The 6th column of the Table 1 contains an independent indicator of the timing determination accuracy – the light curve minimum coverage factor – given in fractional form as a ratio between all acquired data points and data points covering decreasing branch of a minimum.

Section 2 contains Table 2 with list of observers with their statistics. Recently some amateur astronomers use DSLR instead of expensive CCD cameras (see last column of Table 1). There is a list of DSLR observers with their statistics in Table 4.

In addition, many new, recently discovered eclipsing binaries were observed. These objects have not final designation in GCVS (Samus et al., 2007-2013). In this paper, they are named using some preliminary names (e.g. CzeV, SvkV, when discoverers are from the Czech Republic or Slovakia), or using catalogue or project numbers (GSC, TYC, USNO, 2MASS, ASAS etc). Each of these new objects are presented in Table 3 with coordinates at equinox J2000.

In addition, Section 2 contains list of individual stars. There is a list of 5 new variable stars discovered by co-authors of this paper and submitted in CzeV or SvkV catalogues. These stars have known, previously published light elements. Their observed minima are listed in Table 1.

⁴ FRAM - F/(Ph)otometric Robotic Atmospheric Monitor, 30-cm Czech robotic telescope at the Pierre Auger Observatory in Argentina.

⁵ Newton RL 150/750 mm, HEQ5 GoTo + SBIG ST-7 + G1-0300 (since September 2014 with photometric filters BVRI)

⁶ Please contact L. Šmelcer (chairman of VSES) for further details, lsmelcer@seznam.cz.

Legend

Section 1

- Table 1 – Times of minima of eclipsing binaries (p. 5-61.)

Section 2

- Table 2 – List of observers (p. 62)
- Table 3 – List of stars without definitive GCVS designation (p. 63)
- Table 4 – List of DSLR observers (p. 64)
- Notes on individual stars (p. 65)

Description of the Table 1

- Column 0 – objects designation. If there are any notes about presented object, it is marked with “§”
- Column 1 – HJD of observed minimum (JD_{hel} – 2 400 000) based on coordinated universal time UTC. Five decimal places in HJD are needed for functionality of the hyperlinks to O-C gate.
- Column 2 – uncertainty of minimum time determination in days
- Column 3 – identification of primary (I) or secondary (II) minimum. Although we give a correct minimum type, it may not correspond to that in the O-C gate in some stars. Such misinterpretation would cause ± 5 -day shift.
- Column 4 – O-C value (in days), which is given as URL link pointing to the O-C gateway, where figure with highlighted observation (in red color) appears.
- Column 5 – photometric band of CCD observation or DSLR method.
- Column 6 – total number of measurements/number of data on decreasing branch of light curve
- Column 7 – observer’s identification
- Column 8 – equipment used for observation.

Section 1 – Table 1 - Times of minima of eclipsing binaries

AA And							
56584.29300	0.0005	I	-0.0035	CCD+V	161/97	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
AD And							
56574.44119	0.0004	II	+0.0015	CCD+V	60/42	Šmelcer L.	Celestron 280/1765 + CCD ST7
56574.44489	0.0003	II	+0.0052	CCD+R	68/45	Šmelcer L.	Celestron 280/1765 + CCD ST7
56583.32000	0.0002	II	+0.0046	CCD+V	308/227	Magris M.	Schmidt-Newton 0.25m F/4, Atik Titan
			show all				
BD And							
56569.30581	0.0001	II	-0.2303	CCD+R	91/43	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56569.30590	0.0001	II	-0.2302	CCD+I	103/55	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56569.30618	0.0001	II	-0.2299	CCD+V	71/27	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56861.39823	0.0002	I	+0.0020	CCD+Clear	37/11	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56861.39845	0.0002	I	+0.0022	CCD+V	39/12	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56861.39880	0.0001	I	+0.0026	CCD+R	35/10	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
			show all				
CN And							
56590.25975	0.0003	I	-0.0078	CCD+V	56/19	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56590.26079	0.0003	I	-0.0068	CCD+R	69/20	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56596.27628	0.0002	I	-0.0076	CCD+R	204/56	Šmelcer L.	Newton 254/1200 + CCD G2 402
56596.27685	0.0002	I	-0.0070	CCD+V	206/58	Šmelcer L.	Newton 254/1200 + CCD G2 402
56596.27716	0.0002	I	-0.0067	CCD+B	182/58	Šmelcer L.	Newton 254/1200 + CCD G2 402
56596.50961	0.0003	II	-0.0056	CCD+R	204/197	Šmelcer L.	Newton 254/1200 + CCD G2 402
56596.51296	0.0010	II	-0.0023	CCD+V	206/192	Šmelcer L.	Newton 254/1200 + CCD G2 402
56605.30409	0.0002	II	-0.0042	CCD+V	216/121	Šmelcer L.	Newton 254/1200 + CCD G2 402
56605.30421	0.0003	II	-0.0041	CCD+R	233/122	Šmelcer L.	Newton 254/1200 + CCD G2 402
56616.17676	0.0004	I	-0.0071	CCD+R	89/7	Šmelcer L.	Newton 254/1200 + CCD G2 402
56616.17758	0.0002	I	-0.0063	CCD+V	91/7	Šmelcer L.	Newton 254/1200 + CCD G2 402
			show all				
CzeV267 And	§						
56656.37541	0.0010	I	-----	CCD+Clear	248/19	Zibar M.	Newton 254/903, G2-0402 (VSES), AG(MMys) on SW 1
56656.51751	0.0005	II	-----	CCD+Clear	248/218	Zibar M.	Newton 254/903, G2-0402 (VSES), AG(MMys) on SW 1
56712.37086	0.0006	II	-----	CCD+Clear	269/159	Zibar M.	Newton 254/903, G2-0402 (VSES), AG(MMys) on SW 1
DS And							
56598.33909	0.0009	I	+0.0020	CCD+V	269/129	Magris M.	Schmidt-Newton 0.25m F/4, Atik Titan
EP And							
56582.32263	0.0001	I	-0.0083	CCD+V	307/65	Magris M.	Schmidt-Newton 0.25m F/4, CCD Atik Titan
56585.35193	0.0001	II	-0.0097	CCD+V	106/36	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56585.35216	0.0001	II	-0.0095	CCD+R	107/34	Šmelcer L.	Celestron 355/2460 + CCD G2 1600

56588.38331	0.0001	I	-0.0092	CCD+V	55/20	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56588.38357	0.0003	I	-0.0090	CCD+I	45/16	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56588.38404	0.0001	I	-0.0085	CCD+R	52/19	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56597.47479	0.0002	II	-0.0102	CCD+V	111/46	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56597.47490	0.0002	II	-0.0101	CCD+R	116/48	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56605.35558	0.0001	I	-0.0096	CCD+V	109/57	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56605.35578	0.0001	I	-0.0094	CCD+R	111/58	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56614.24772	0.0006	I	-0.0079	CCD+V	36/22	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56614.24800	0.0004	I	-0.0076	CCD+R	34/19	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56614.24911	0.0007	I	-0.0065	CCD+I	31/21	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56615.25459	0.0004	II	-0.0112	CCD+R	82/35	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56615.25511	0.0003	II	-0.0107	CCD+V	76/36	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56615.25548	0.0004	II	-0.0103	CCD+I	81/35	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56616.26728	0.0001	I	-0.0088	CCD+R	60/26	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56616.26757	0.0002	I	-0.0086	CCD+I	57/26	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56616.26824	0.0002	I	-0.0079	CCD+V	57/25	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56624.34838	0.0004	I	-0.0099	CCD+R	67/51	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56624.34897	0.0004	I	-0.0094	CCD+V	90/66	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56624.34910	0.0003	I	-0.0092	CCD+I	60/45	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56629.19615	0.0002	I	-0.0115	CCD+V	107/16	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56629.19680	0.0002	I	-0.0109	CCD+R	109/18	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56643.34178	0.0001	I	-0.0097	CCD+V	224/148	Šmelcer L.	Newton 254/1200 + CCD G2 402
56643.34194	0.0001	I	-0.0096	CCD+R	231/150	Šmelcer L.	Newton 254/1200 + CCD G2 402
56648.39202	0.0001	II	-0.0108	CCD+R	222/119	Šmelcer L.	Newton 254/1200 + CCD G2 402
56648.39225	0.0001	II	-0.0106	CCD+V	205/125	Šmelcer L.	Newton 254/1200 + CCD G2 402
56650.41161	0.0001	II	-0.0118	CCD+V	223/156	Šmelcer L.	Newton 254/1200 + CCD G2 402
56650.41211	0.0001	II	-0.0113	CCD+R	225/153	Šmelcer L.	Newton 254/1200 + CCD G2 402
56654.25253	0.0001	I	-0.0099	CCD+R	124/54	Šmelcer L.	Newton 254/1200 + CCD G2 402
56654.25276	0.0001	I	-0.0097	CCD+V	123/54	Šmelcer L.	Newton 254/1200 + CCD G2 402
56670.21389	0.0002	II	-0.0109	CCD+R	234/22	Šmelcer L.	Newton 254/1200 + CCD G2 402
56670.21426	0.0002	II	-0.0105	CCD+V	231/23	Šmelcer L.	Newton 254/1200 + CCD G2 402
56670.41716	0.0003	I	-0.0097	CCD+R	234/219	Šmelcer L.	Newton 254/1200 + CCD G2 402
56670.41964	0.0005	I	-0.0072	CCD+V	231/221	Šmelcer L.	Newton 254/1200 + CCD G2 402
56671.22415	0.0001	I	-0.0109	CCD+V	143/40	Šmelcer L.	Newton 254/1200 + CCD G2 402
56671.22490	0.0001	I	-0.0102	CCD+R	145/43	Šmelcer L.	Newton 254/1200 + CCD G2 402
56692.23784	0.0002	I	-0.0110	CCD+B	70/18	Šmelcer L.	Newton 254/1200 + CCD G2 402
56692.23820	0.0001	I	-0.0106	CCD+R	77/23	Šmelcer L.	Newton 254/1200 + CCD G2 402
56712.24081	0.0002	II	-0.0114	CCD+V	82/28	Šmelcer L.	Newton 254/1200 + CCD G2 402
56712.24092	0.0001	II	-0.0113	CCD+R	86/25	Šmelcer L.	Newton 254/1200 + CCD G2 402
56714.26088	0.0002	II	-0.0119	CCD+V	57/36	Šmelcer L.	Newton 254/1200 + CCD G2 402
56714.26157	0.0002	II	-0.0112	CCD+R	55/39	Šmelcer L.	Newton 254/1200 + CCD G2 402
			show all				
GZ And							
56569.34796	0.0003	I	-0.0038	CCD+V	73/36	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716

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56569.50018	0.0002	II	-0.0041	CCD+V	90/37	Šmelcer L.	Newton 254/1200 + CCD G2 402
56569.50056	0.0001	II	-0.0037	CCD+R	98/43	Šmelcer L.	Newton 254/1200 + CCD G2 402
56632.33420	0.0002	II	-0.0037	CCD+Clear	38/15	J. Mravik, J. Grnja	SW 150/750 + EQ6 + SBIG ST7
56872.53170	0.0009	I	-0.0077	CCD+V	139/54	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
			show all				
LO And							
56888.45076	0.0001	II	+0.0020	CCD+V	207/109	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
SvkV020 And							
56703.28578	0.0002	I	-----	CCD+Clear	73/42	Bílek F.	Newton 0.2m f4,4 CCD Atik 314L+
56851.46088	0.0006	I	-----	CCD+R	38/16	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56851.46135	0.0012	I	-----	CCD+B	37/16	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56851.46154	0.0004	I	-----	CCD+V	38/16	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56851.46187	0.0003	I	-----	CCD+I	36/15	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
V0449 And							
56898.33414	0.0003	II	-0.0051	CCD+R	159/10	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56898.50207	0.0001	I	-0.0067	CCD+R	159/124	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
			show all				
V0458 And							
56683.34004	0.0004	I	+0.3006	CCD+I	92/52	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56683.34061	0.0003	I	+0.3012	CCD+V	93/54	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56683.34071	0.0003	I	+0.3013	CCD+R	86/48	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
V0483 And							
56590.26533	0.0003	I	-0.0211	CCD+R	43/22	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56590.26791	0.0005	I	-0.0185	CCD+V	43/23	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56590.26817	0.0007	I	-0.0183	CCD+I	29/21	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56596.20616	0.0003	I	-0.0216	CCD+R	179/13	Šmelcer L.	Newton 254/1200 + CCD G2 402
56596.20669	0.0005	I	-0.0211	CCD+V	187/13	Šmelcer L.	Newton 254/1200 + CCD G2 402
56596.21169	0.0006	I	-0.0161	CCD+B	160/14	Šmelcer L.	Newton 254/1200 + CCD G2 402
56596.35481	0.0001	II	-0.0219	CCD+R	179/101	Šmelcer L.	Newton 254/1200 + CCD G2 402
56596.35542	0.0002	II	-0.0213	CCD+V	187/103	Šmelcer L.	Newton 254/1200 + CCD G2 402
56596.35579	0.0005	II	-0.0210	CCD+B	160/98	Šmelcer L.	Newton 254/1200 + CCD G2 402
56605.26592	0.0002	II	-0.0228	CCD+R	258/94	Šmelcer L.	Newton 254/1200 + CCD G2 402
56605.26629	0.0001	II	-0.0224	CCD+V	259/93	Šmelcer L.	Newton 254/1200 + CCD G2 402
56605.41374	0.0002	I	-0.0231	CCD+R	258/235	Šmelcer L.	Newton 254/1200 + CCD G2 402
56605.41387	0.0003	I	-0.0229	CCD+V	259/239	Šmelcer L.	Newton 254/1200 + CCD G2 402
56616.25473	0.0003	II	-0.0255	CCD+B	87/55	Šmelcer L.	Newton 254/1200 + CCD G2 402
56616.25749	0.0002	II	-0.0227	CCD+V	95/61	Šmelcer L.	Newton 254/1200 + CCD G2 402
56616.25787	0.0002	II	-0.0223	CCD+R	92/61	Šmelcer L.	Newton 254/1200 + CCD G2 402
			show all				
V0484 And							
56541.35883	0.0010	I	+0.0068	CCD+Clear	140/55	Jacobsen J.	EQ6, 70 mm refractor, Atik 314

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V0488 And 56567.54743	0.0006	I	+0.2498	CCD+I	179/150	M. Lehký, P. Hajek	0.20-m f/4 + CCD ST2000XM + I
V0512 And 56568.51470 56569.63372	0.0008 0.0001	II I	+0.0727 +0.0741	CCD+I CCD+R	163/37 135/87	M. Lehký, P. Hajek Lehký M.	0.20-m f/4 + CCD ST2000XM + I EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
V0518 And 56668.32602	0.0002	I	-0.0848	CCD+Clear	75/45	Mazanec J.	N400, G2 402
V0527 And 56596.45239 56610.45640 56610.46140 56610.46214	0.0001 0.0006 0.0004 0.0002	I I I I	+0.0488 +0.0398 +0.0448 +0.0455	CCD+Clear CCD+Clear CCD+I CCD+V	126/74 93/36 84/32 85/34	Mazanec J. Walter F. Walter F. Walter F.	N400, G2 402 RL \"MARK\" 40/406, SBIG ST10XME RL \"MARK\" 40/406, SBIG ST10XME RL \"MARK\" 40/406, SBIG ST10XME
			show all				
V0546 And 56583.39739	0.0003	II	-0.0026	CCD+V	170/95	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
WZ And 56597.34809 56872.48394	0.0004 0.0001	II I	+0.0091 +0.0112	CCD+V CCD+V	99/64 182/139	Magris M. Magris M.	Schmidt-Newton 0.25m F/4, Atik Titan Schmidt-Newton 0.25m F/4, CCD MX 716
			show all				
V0769 Aql 56519.46440	0.0002	I	+0.0124	CCD+Clear	205/97	Trnka J.	200/1 000, ST-9E
V1182 Aql 56853.48897 56857.53534	0.0037 0.0036	I II	+0.0248 +0.0165	CCD+Clear CCD+Clear	138/103 215/148	Hladík B. Hladík B.	RF F200, ATIK 320E, CG-4 RF F200, ATIK 320E, CG-4
			show all				
V1315 Aql 56860.54108	0.0002	I	+0.0010	CCD+R	128/70	CCD group in Upice	0.6-m RC f/8 + CCD Andor iXon3 888
V1454 Aql 56824.51273	0.0012	I	-0.0129	CCD+Clear	150/54	Hladík B.	RF D30-F200, ATIK 320E, CG-4
V1470 Aql 56842.46351	0.0011	I	-0.0236	CCD+Clear	202/47	Hladík B.	RF F200, ATIK 320E, CG-4
V1490 Aql 56815.37638	0.0015	I	-0.0391	CCD+Clear	253/50	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300

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V1714 Aql

56460.50026	0.0003	I	-0.0104	CCD+B	33/19	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56460.50063	0.0001	I	-0.0100	CCD+I	35/21	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56460.50070	0.0002	I	-0.0100	CCD+V	33/20	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56460.50072	0.0001	I	-0.0100	CCD+R	33/18	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56476.38994	0.0003	II	-----	CCD+V	22/10	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56476.39014	0.0002	II	-----	CCD+I	26/11	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56476.39050	0.0002	II	-----	CCD+R	26/11	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56476.39088	0.0004	II	-----	CCD+B	23/11	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56596.28303	0.0001	I	-0.0095	CCD+Clear	93/38	Mazanec J.	N400, G2 400
56864.47471	0.0002	II	-----	CCD+I	53/25	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56864.47482	0.0002	II	-----	CCD+V	52/23	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56864.47525	0.0002	II	-----	CCD+R	53/25	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56864.47658	0.0004	II	-----	CCD+B	47/20	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI

[show all](#)

V1747 Aql

56813.41046	0.0003	I	+0.0076	CCD+Clear	214/119	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
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CD Aqr

56889.38873	0.0010	I	+0.0651	CCD+Clear	215/132	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
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CW Aqr

56898.38503	0.0003	I	-0.0102	CCD+Clear	151/77	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
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SS Ari

56602.32297	0.0003	I	-0.0026	CCD+Clear	487/243	Magris M.	Schmidt-Newton 0.25m F/4, CCD Atik Titan
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AH Aur

56597.49112	0.0011	II	-0.0159	CCD+V	175/74	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
56602.43559	0.0002	II	-0.0125	CCD+Clear	390/139	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
56692.36172	0.0002	II	-0.0139	CCD+R	90/35	Šmelcer L.	Newton 254/1200 + CCD G2 402
56692.36208	0.0002	II	-0.0136	CCD+B	86/35	Šmelcer L.	Newton 254/1200 + CCD G2 402
56693.34771	0.0004	II	-0.0161	CCD+B	325/97	Šmelcer L.	Newton 254/1200 + CCD G2 402
56693.34864	0.0002	II	-0.0152	CCD+R	303/89	Šmelcer L.	Newton 254/1200 + CCD G2 402
56712.37077	0.0002	I	-0.0163	DSLIR	250/68	Walter F.	RF Comet finder 20/137, Canon 350 D

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AP Aur 56583.65729	0.0003	II	+0.0151	CCD+V	170/115	Magris M.	Schmidt-Newton 0.25m F/4, CCD Atik Titan
BF Aur 56727.36703	0.0006	II	+0.0097	CCD+Clear	282/203	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
CG Aur 56629.40341	0.0002	I	+0.0018	CCD+R	147/53	Šmelcer L.	Newton 254/1200 + CCD G2 402
56629.40350	0.0002	I	+0.0019	CCD+V	158/55	Šmelcer L.	Newton 254/1200 + CCD G2 402
56712.42950	0.0004	I	+0.0046	CCD+R	98/65	Šmelcer L.	Newton 254/1200 + CCD G2 402
56712.43129	0.0003	I	+0.0064	CCD+V	90/57	Šmelcer L.	Newton 254/1200 + CCD G2 402
56712.43159	0.0006	I	+0.0067	CCD+B	95/63	Šmelcer L.	Newton 254/1200 + CCD G2 402
			show all				
EM Aur 56597.42683	0.0011	II	-0.0001	CCD+V	199/143	Magris M.	Schmidt-Newton 0.25m F/4, Atik Titan
EP Aur 56583.48349	0.0006	II	+0.0026	CCD+V	236/138	Magris M.	Schmidt-Newton 0.25m F/4, CCD Atik Titan
GI Aur 56693.25794	0.0003	I	+0.0044	CCD+R	140/65	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
HL Aur 56241.53543	0.0003	II	-0.0011	CCD+V	35/21	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56569.59139	0.0007	II	-0.0056	CCD+B	29/11	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56569.59154	0.0004	II	-0.0055	CCD+V	26/12	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56569.59159	0.0003	II	-0.0054	CCD+R	27/12	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56569.59194	0.0002	II	-0.0051	CCD+I	27/12	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56630.28464	0.0002	I	-0.0066	CCD+B	26/12	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56630.28510	0.0001	I	-0.0061	CCD+I	25/12	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56630.28523	0.0002	I	-0.0060	CCD+V	26/12	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56630.28558	0.0001	I	-0.0057	CCD+R	24/11	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56760.38925	0.0004	I	-0.0057	CCD+Clear	230/132	Urbaník M.	120/420 G1 0300
			show all				
HS Aur 56750.44031	0.0004	II	+0.0144	CCD+Clear	234/138	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
KU Aur 56608.60433	0.0006	II	+0.0127	CCD+R	113/60	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56700.31283	0.0003	I	+0.0105	CCD+R	30/9	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
LT Aur 56695.26908	0.0001	I	-0.0040	CCD+Clear	69/34	Bílek F.	Newton 0.2m f4,4 CCD Atik 314L+

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RY Aur							
56717.31465	0.0017	II	-----	CCD+R	216/52	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
USNO-B1.0 1197-0128756 Aur							
56639.43858	0.0004	I	-----	CCD+Clear	147/72	Esseiva N.	Celestron 11Edge F/D7, QSI516swg, Lodestar autoguider
V0410 Aur							
56654.35582	0.0004	II	+0.0336	CCD+R	118/24	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56654.35689	0.0002	II	+0.0347	CCD+B	120/26	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56654.35719	0.0003	II	+0.0350	CCD+V	120/27	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56654.35795	0.0003	II	+0.0357	CCD+I	114/26	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56654.53880	0.0005	I	+0.0332	CCD+V	120/87	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56654.53978	0.0006	I	+0.0342	CCD+I	114/84	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56654.54041	0.0004	I	+0.0348	CCD+B	120/88	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56654.54158	0.0005	I	+0.0360	CCD+R	118/87	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
V0495 Aur							
56693.51328	0.0002	I	+0.0121	CCD+V	93/47	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56693.51449	0.0001	I	+0.0133	CCD+R	93/48	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
			show all				
V0534 Aur							
56693.51372	0.0002	I	-0.0278	CCD+R	323/255	Šmelcer L.	Newton 254/1200 + CCD G2 402
56693.51463	0.0006	I	-0.0269	CCD+B	299/246	Šmelcer L.	Newton 254/1200 + CCD G2 402
			show all				
V0607 Aur							
56693.33546	0.0001	I	+0.0015	CCD+Clear	196/99	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
V0608 Aur							
56728.34837	0.0001	I	-0.0020	CCD+R	246/135	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V0609 Aur							
56713.32671	0.0002	I	+0.0150	CCD+R	300/119	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56728.28215	0.0006	II	-----	CCD+R	245/49	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V0612 Aur							
56712.40546	0.0001	I	+0.0030	CCD+R	192/88	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V0627 Aur							
56709.26266	0.0006	II	-----	CCD+R	197/43	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V0640 Aur							
56542.61356	0.0001	I	+0.0040	CCD+R	75/49	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R

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56610.34618	0.0002	II	+0.0051	CCD+R	70/42	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56630.68191	0.0003	II	+0.0050	CCD+R	80/40	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
show all							
V0641 Aur							
56727.37164	0.0001	I	-0.0018	CCD+R	259/158	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V0644 Aur							
56666.30331	0.0002	I	-0.0020	CCD+R	93/43	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56728.35098	0.0002	II	-----	CCD+R	150/81	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
V0646 Aur							
56709.55681	0.0005	I	+0.1044	CCD+Clear	156/135	Bílek F.	Newton 0.2m f4,4 CCD Atik 314L+
56711.52769	0.0003	I	-0.1187	CCD+Clear	145/114	Bílek F.	Newton 0.2m f4,4 CCD Atik 314L+
56712.40523	0.0002	I	-0.1188	CCD+Clear	101/74	Bílek F.	Newton 0.2m f4,4 CCD Atik 314L+
56713.28376	0.0008	I	-0.1178	CCD+Clear	128/5	Bílek F.	Newton 0.2m f4,4 CCD Atik 314L+
56725.34597	0.0003	I	+0.0968	CCD+Clear	128/50	Bílek F.	Newton 0.2m f4,4 CCD Atik 314L+
show all							
VSX J062606.6+275559 Aur							
56693.27317	0.0012	I	-----	CCD+R	204/18	Šmelcer L.	Newton 254/1200 + CCD G2 402
56693.43345	0.0009	II	-----	CCD+R	204/138	Šmelcer L.	Newton 254/1200 + CCD G2 402
56716.42288	0.0009	I	-----	CCD+R	44/19	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
WW Aur							
56765.31046	0.0007	II	+0.0018	DSLR	110/32	Benáček J.	Canon 600D, Canon 24-105mm f4
ZZ Aur							
56582.53856	0.0001	I	+0.0021	CCD+V	325/170	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
AQ Boo							
56717.57179	0.0002	I	-0.0060	CCD+R	67/34	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56778.36897	0.0002	II	-0.0062	CCD+R	89/54	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
show all							
EF Boo							
56745.33831	0.0001	I	+0.0105	CCD+R	540/139	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56745.54767	0.0001	II	+0.0088	CCD+R	540/405	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
show all							
EW Boo							
56765.51584	0.0006	I	-0.0038	CCD+B	47/26	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56765.51609	0.0004	I	-0.0036	CCD+V	38/18	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56765.51837	0.0003	I	-0.0013	CCD+R	45/24	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56765.51869	0.0004	I	-0.0010	CCD+I	52/29	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
show all							

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FP Boo								
56862.41814	0.0005	I	-0.1015	CCD+R	143/67	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
GSC 02016-00444 Boo								
56737.63157	0.0016	I	-----	CCD+R	156/119	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
56797.46398	0.0016	I	-----	CCD+R	166/108	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
GG Boo								
56455.44227	0.0008	II	-----	CCD+R	225/107	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
56781.42768	0.0003	I	+0.0001	CCD+R	200/139	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
GK Boo								
56747.58851	0.0001	II	+0.0058	CCD+R	267/219	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
56799.42706	0.0001	I	+0.0064	CCD+R	298/196	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
56842.42781	0.0002	I	+0.0077	CCD+Clear	159/114	Urbaník M.		ED 80/600,0.5x Reductor, G1 0300
			show all					
GM Boo								
56737.66185	0.0003	II	+0.0062	CCD+R	175/160	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
56797.42639	0.0003	I	+0.0050	CCD+R	175/82	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all					
GN Boo								
56718.60904	0.0002	I	+0.0048	CCD+R	165/78	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
56729.61695	0.0001	II	+0.0042	CCD+R	164/80	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all					
GR Boo								
56745.44440	0.0002	II	-0.0066	CCD+R	93/41	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
56798.36695	0.0002	I	-0.0062	CCD+R	78/40	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all					
GS Boo								
56711.60853	0.0003	I	-0.0124	CCD+V	20/8	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56711.60875	0.0002	I	-0.0122	CCD+R	24/8	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56711.60882	0.0003	I	-0.0121	CCD+B	24/10	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56711.60889	0.0003	I	-0.0120	CCD+I	24/9	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56745.54204	0.0001	I	-0.0129	CCD+R	206/80	Hanžl D.		0.2-m RL + CCD G2 8300 (DATEL telescope)
			show all					
GT Boo								
56728.46581	0.0005	II	+0.0036	CCD+R	207/31	Lehký M.		EQ6 + 0.25-m f/4 + CCD ST7 + R
GU Boo								
56683.66694	0.0001	I	-0.0055	CCD+R	53/35	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56683.66720	0.0003	I	-0.0052	CCD+V	52/34	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56701.50702	0.0002	II	-0.0041	CCD+R	45/32	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56701.50702	0.0002	II	-0.0041	CCD+V	45/32	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56712.50095	0.0002	I	-0.0066	CCD+V	44/32	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI

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56712.50200	0.0001	I	-0.0055	CCD+R	45/32	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56730.58495	0.0001	I	-0.0056	CCD+R	193/95	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56819.53274	0.0002	I	-0.0066	CCD+R	197/180	Šmelcer L.	Newton 254/1200 + CCD G2 402
56845.43685	0.0001	I	-0.0052	CCD+R	238/128	Šmelcer L.	Newton 254/1200 + CCD G2 402
			show all				
GV Boo							
56840.42076	0.0003	II	-0.0307	CCD+R	143/76	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56845.39149	0.0004	I	-0.0262	CCD+R	100/53	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
IL Boo							
56808.43145	0.0002	II	-0.0001	CCD+R	77/33	Mazanec J.	N400, G2 402
56808.43224	0.0002	II	+0.0006	CCD+Clear	80/36	Mazanec J.	N400, G2 402
56808.43245	0.0003	II	+0.0009	CCD+I	80/36	Mazanec J.	N400, G2 402
			show all				
IN Boo							
56816.42330	0.0002	I	+0.0081	CCD+I	254/56	Mazanec J.	N400, G2 402
56816.42340	0.0001	I	+0.0082	CCD+R	257/55	Mazanec J.	N400, G2 402
56816.56511	0.0006	II	+0.0069	CCD+I	254/232	Mazanec J.	N400, G2 402
56816.56604	0.0005	II	+0.0078	CCD+R	257/233	Mazanec J.	N400, G2 402
			show all				
IX Boo							
56738.34169	0.0003	I	-0.2062	CCD+Clear	111/58	Jacobsen J.	400 mm f/5 Newton, Starlight SXVR-H16
KK Boo							
56713.50106	0.0007	II	-----	CCD+R	122/12	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56713.64020	0.0008	I	+0.0741	CCD+R	122/106	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56745.46179	0.0008	I	+0.0748	CCD+R	105/83	Marchi F.	Newton 250 mm F5, FLI Kaf 260, UBVRI
56749.36889	0.0011	I	+0.0741	CCD+R	47/21	Marchi F.	Newton 250 mm F5, FLI Kaf 260, UBVRI
56750.48450	0.0005	I	+0.0732	CCD+V	98/44	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56750.48646	0.0003	I	+0.0752	CCD+R	110/48	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56750.62301	0.0008	II	-----	CCD+R	110/100	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56750.62387	0.0011	II	-----	CCD+V	98/94	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56761.37350	0.0006	I	+0.0761	CCD+R	43/26	Marchi F.	Newton 250 mm F5, FLI Kaf 260, UBVRI
56798.49728	0.0004	I	+0.0756	CCD+R	161/101	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
			show all				
KW Boo							
56717.56083	0.0008	II	-0.0885	CCD+R	138/70	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56797.44978	0.0006	II	-0.0609	CCD+R	330/150	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
			show all				
MQ Boo							
56798.51620	0.0001	I	+0.0071	CCD+R	149/57	Mazanec J.	N400, G2 402
56798.51644	0.0002	I	+0.0073	CCD+I	149/58	Mazanec J.	N400, G2 402
			show all				

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MT Boo 56824.42812	0.0003	I	-0.0347	CCD+Clear	126/36	Audejean M.	0.32-m f/6 Newtonian reflector + CCD
MW Boo 56765.35061	0.0004	I	-0.0199	CCD+R	352/73	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56765.53016	0.0004	II	-----	CCD+R	352/298	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
NT Boo 56726.60232	0.0004	I	+0.0604	CCD+R	217/159	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
NX Boo 56745.55978	0.0005	II	-0.0036	CCD+R	126/70	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56760.37572	0.0003	II	-0.0046	CCD+Clear	252/33	Mazanec J.	N400, G2 402
56760.37736	0.0003	II	-0.0030	CCD+R	255/37	Mazanec J.	N400, G2 402
56760.50160	0.0001	I	-0.0039	CCD+R	255/214	Mazanec J.	N400, G2 402
56760.50161	0.0002	I	-0.0038	CCD+Clear	252/212	Mazanec J.	N400, G2 402
56764.39841	0.0004	II	-0.0001	CCD+I	253/105	Mazanec J.	N400, G2 402
56764.40457	0.0005	II	+0.0061	CCD+R	238/103	Mazanec J.	N400, G2 402
56798.42326	0.0002	I	-0.0036	CCD+I	119/69	Mazanec J.	N400, G2 402
56798.42361	0.0001	I	-0.0032	CCD+R	148/100	Mazanec J.	N400, G2 402
56815.37520	0.0002	II	-0.0037	CCD+R	168/33	Mazanec J.	N400, G2 402
56815.37558	0.0002	II	-0.0033	CCD+V	166/31	Mazanec J.	N400, G2 402
56815.37590	0.0002	II	-0.0030	CCD+I	168/34	Mazanec J.	N400, G2 402
56815.50072	0.0002	I	-0.0033	CCD+I	168/135	Mazanec J.	N400, G2 402
56815.50081	0.0002	I	-0.0032	CCD+R	168/134	Mazanec J.	N400, G2 402
56815.50135	0.0002	I	-0.0027	CCD+V	166/132	Mazanec J.	N400, G2 402
			show all				
NY Boo 56737.64068	0.0002	I	+0.0641	CCD+R	208/155	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
PS Boo 56725.55369	0.0004	I	+0.0500	CCD+R	212/86	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
PV Boo 56730.56097	0.0003	II	-----	CCD+R	191/64	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
PY Boo 56796.44009	0.0001	I	-0.0014	CCD+Clear	120/49	Audejean M.	0.32-m f/6 Newtonian reflector + CCD
56827.44468	0.0001	II	+0.0008	CCD+Clear	130/55	Audejean M.	0.32-m f/6 Newtonian reflector + CCD
			show all				
PZ Boo 56727.50018	0.0003	I	+0.0032	CCD+I	175/79	Mazanec J.	N400, G2 402

QV Boo

56799.35039	0.0012	II	-----	CCD+R	109/12	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56799.51297	0.0010	I	-0.0202	CCD+R	109/83	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)

QW Boo

56709.62845	0.0002	I	+0.0211	CCD+R	65/37	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56709.62875	0.0002	I	+0.0214	CCD+I	67/39	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56709.62895	0.0003	I	+0.0216	CCD+V	64/38	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56725.48288	0.0003	II	-----	CCD+R	95/22	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56725.48291	0.0003	II	-----	CCD+I	96/22	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56725.48330	0.0003	II	-----	CCD+V	88/19	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56725.62510	0.0003	I	+0.0199	CCD+R	95/74	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56725.62618	0.0004	I	+0.0210	CCD+V	88/69	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56725.62631	0.0002	I	+0.0211	CCD+I	96/77	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56728.38999	0.0007	II	-----	CCD+V	113/8	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56728.39009	0.0004	II	-----	CCD+I	111/6	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56728.39268	0.0003	II	-----	CCD+R	110/8	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56728.53510	0.0002	I	+0.0212	CCD+I	111/59	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56728.53514	0.0003	I	+0.0212	CCD+R	110/63	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56728.53519	0.0002	I	+0.0213	CCD+V	113/65	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56729.40726	0.0002	I	+0.0208	CCD+R	115/17	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56729.40848	0.0003	I	+0.0220	CCD+I	112/14	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56729.40852	0.0003	I	+0.0220	CCD+V	109/17	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56729.55457	0.0002	II	-----	CCD+I	112/67	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56729.55479	0.0002	II	-----	CCD+V	109/67	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56729.55509	0.0003	II	-----	CCD+R	115/69	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56730.42670	0.0003	II	-----	CCD+R	110/19	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56730.42695	0.0003	II	-----	CCD+I	112/18	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56730.42722	0.0003	II	-----	CCD+V	113/19	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56730.57116	0.0002	I	+0.0212	CCD+I	112/73	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56730.57165	0.0003	I	+0.0217	CCD+V	113/73	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56730.57176	0.0002	I	+0.0218	CCD+R	110/74	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56746.42589	0.0003	II	-----	CCD+I	115/30	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56746.42604	0.0003	II	-----	CCD+R	118/30	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56746.42659	0.0004	II	-----	CCD+V	115/32	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56746.56742	0.0003	I	+0.0196	CCD+I	115/82	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56746.56835	0.0002	I	+0.0205	CCD+V	115/85	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56746.56940	0.0002	I	+0.0216	CCD+R	118/86	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56747.44151	0.0003	I	+0.0211	CCD+I	116/36	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56747.44194	0.0002	I	+0.0215	CCD+V	106/34	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56747.44214	0.0003	I	+0.0217	CCD+R	114/35	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56747.58972	0.0005	II	-----	CCD+I	116/92	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56747.58996	0.0005	II	-----	CCD+V	106/84	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56747.59057	0.0004	II	-----	CCD+R	114/91	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI

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56765.33142	0.0005	II	-----	CCD+R	245/15	Mazanec J.	N400, G2 402
56765.33218	0.0006	II	-----	CCD+I	259/18	Mazanec J.	N400, G2 402
56765.47523	0.0001	I	+0.0209	CCD+R	245/168	Mazanec J.	N400, G2 402
56765.47538	0.0001	I	+0.0210	CCD+I	259/183	Mazanec J.	N400, G2 402
56778.41996	0.0002	I	-0.1236	CCD+R	417/284	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56798.49067	0.0003	II	-----	CCD+I	80/52	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56798.49137	0.0003	II	-----	CCD+V	85/57	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56798.49171	0.0003	II	-----	CCD+R	85/57	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56799.36321	0.0005	II	-----	CCD+V	78/6	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56799.36326	0.0004	II	-----	CCD+R	77/6	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56799.36326	0.0006	II	-----	CCD+I	75/6	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56799.50721	0.0003	I	+0.0210	CCD+R	77/56	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56799.50729	0.0003	I	+0.0211	CCD+V	78/56	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56799.50735	0.0003	I	+0.0212	CCD+I	75/55	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56815.50538	0.0001	I	+0.0214	CCD+R	66/53	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56815.50553	0.0002	I	+0.0215	CCD+I	66/53	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56815.50567	0.0003	I	+0.0217	CCD+V	69/57	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56818.41403	0.0001	I	+0.0213	CCD+V	260/82	Mazanec J.	N400, G2 402
56818.41406	0.0002	I	+0.0213	CCD+R	263/87	Mazanec J.	N400, G2 402
56818.41454	0.0002	I	+0.0218	CCD+I	256/85	Mazanec J.	N400, G2 402
56818.56027	0.0003	II	-----	CCD+V	260/244	Mazanec J.	N400, G2 402

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QX Boo

56777.39534	0.0003	I	-0.0014	CCD+Clear	206/57	Mazanec J.	N400, G2 402
56777.39536	0.0003	I	-0.0014	CCD+I	222/61	Mazanec J.	N400, G2 402
56777.39554	0.0003	I	-0.0012	CCD+R	215/62	Mazanec J.	N400, G2 402
56777.57394	0.0003	II	-0.0028	CCD+I	222/197	Mazanec J.	N400, G2 402
56777.57463	0.0005	II	-0.0021	CCD+Clear	206/186	Mazanec J.	N400, G2 402
56777.57478	0.0001	II	-0.0020	CCD+R	215/193	Mazanec J.	N400, G2 402
56803.34769	0.0005	I	-0.0028	CCD+I	250/19	Mazanec J.	N400, G2 402
56803.34817	0.0005	I	-0.0023	CCD+Clear	251/19	Mazanec J.	N400, G2 402
56803.34898	0.0003	I	-0.0015	CCD+R	266/23	Mazanec J.	N400, G2 402
56803.52917	0.0002	II	-0.0013	CCD+I	250/204	Mazanec J.	N400, G2 402
56803.52952	0.0001	II	-0.0009	CCD+R	266/219	Mazanec J.	N400, G2 402
56803.52956	0.0002	II	-0.0009	CCD+Clear	251/206	Mazanec J.	N400, G2 402
56817.40714	0.0001	I	-0.0016	CCD+I	77/27	Fatka P.	Newton 400, G2-0402
56817.40721	0.0002	I	-0.0015	CCD+V	77/27	Fatka P.	Newton 400, G2-0402
56817.40727	0.0002	I	-0.0014	CCD+R	78/27	Fatka P.	Newton 400, G2-0402
56823.53408	0.0002	I	-0.0026	CCD+B	77/60	Mazanec J.	N400, G2 402
56823.53464	0.0002	I	-0.0020	CCD+R	77/61	Mazanec J.	N400, G2 402
56823.53469	0.0001	I	-0.0020	CCD+V	77/61	Mazanec J.	N400, G2 402
56823.53486	0.0001	I	-0.0018	CCD+I	73/56	Mazanec J.	N400, G2 402

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QY Boo

56737.45864	0.0012	I	+0.0026	CCD+R	84/9	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56737.45894	0.0016	I	+0.0029	CCD+V	84/9	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56737.46009	0.0020	I	+0.0041	CCD+I	87/11	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56737.63199	0.0007	II	-----	CCD+I	87/74	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56737.63444	0.0012	II	-----	CCD+V	84/72	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56737.63567	0.0007	II	-----	CCD+R	84/72	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300

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SU Boo

56711.60003	0.0002	I	+0.0120	CCD+R	101/50	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56729.54730	0.0007	II	+0.0056	CCD+R	309/134	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)

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SY Boo

56712.61780	0.0006	II	-0.0114	CCD+R	183/83	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
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TZ Boo

56819.41595	0.0007	II	-0.0067	CCD+Clear	96/35	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56819.41859	0.0010	II	-0.0041	CCD+R	78/19	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56819.41871	0.0008	II	-0.0040	CCD+V	50/15	Šmelcer L.	Celestron 280/1765 + CCD G2 4000

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AO Cam

56692.33494	0.0001	II	-0.0097	CCD+B	17/7	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56692.33506	0.0002	II	-0.0095	CCD+I	17/7	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56692.33539	0.0001	II	-0.0092	CCD+V	18/7	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56692.33586	0.0001	II	-0.0087	CCD+R	17/7	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56714.27224	0.0004	I	-0.0109	CCD+B	17/7	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56714.27267	0.0002	I	-0.0105	CCD+R	17/7	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56714.27283	0.0002	I	-0.0103	CCD+V	17/7	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56714.27295	0.0002	I	-0.0102	CCD+I	17/7	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI

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AW Cam

56749.38931	0.0003	I	-0.0035	CCD+Clear	263/136	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
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LR Cam

56746.36676	0.0004	I	+0.0093	CCD+Clear	846/251	Kuchťák B.	Sonnar 180 + G1
56746.36739	0.0003	I	+0.0099	CCD+Clear	854/250	Kuchťák B.	Sonnar 180 + G1
56746.58556	0.0007	II	+0.0110	CCD+Clear	854/672	Kuchťák B.	Sonnar 180 + G1

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NR Cam

56747.38747	0.0008	I	-0.0027	CCD+Clear	635/213	Kuchťák B.	Sonnar 180 + G1
56747.51374	0.0006	II	-0.0045	CCD+Clear	635/478	Kuchťák B.	Sonnar 180 + G1

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NSVS 01031772 Cam

56684.35000	0.0001	II	-----	CCD+R	248/99	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56684.35062	0.0002	II	-----	CCD+V	235/100	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56684.53429	0.0001	I	-----	CCD+V	235/214	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56684.53435	0.0001	I	-----	CCD+R	248/217	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56728.34286	0.0001	I	-----	CCD+V	163/25	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56728.34296	0.0001	I	-----	CCD+R	145/26	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56728.52726	0.0001	II	-----	CCD+R	145/107	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56728.52732	0.0002	II	-----	CCD+V	163/126	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56742.33191	0.0001	I	-----	CCD+V	112/24	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56742.33220	0.0001	I	-----	CCD+R	110/23	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56742.33221	0.0002	I	-----	CCD+I	107/22	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56742.51628	0.0002	II	-----	CCD+I	107/98	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56742.51634	0.0002	II	-----	CCD+V	112/104	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56742.51668	0.0002	II	-----	CCD+R	110/102	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56745.46143	0.0001	II	-----	CCD+R	34/20	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56745.46157	0.0001	II	-----	CCD+I	33/20	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56746.38180	0.0002	I	-----	CCD+I	172/75	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56746.38197	0.0001	I	-----	CCD+R	183/79	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56749.32668	0.0001	I	-----	CCD+I	150/8	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56749.32682	0.0001	I	-----	CCD+R	159/7	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56749.51104	0.0001	II	-----	CCD+R	159/128	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56749.51141	0.0002	II	-----	CCD+I	150/126	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56750.43101	0.0001	I	-----	CCD+R	145/87	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56750.43178	0.0001	I	-----	CCD+I	137/80	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56751.35159	0.0001	II	-----	CCD+R	119/52	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56751.35218	0.0002	II	-----	CCD+I	106/48	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56755.40131	0.0001	II	-----	CCD+I	104/71	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56755.40148	0.0001	II	-----	CCD+R	106/74	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56765.34093	0.0001	II	-----	CCD+R	174/34	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56765.34102	0.0001	II	-----	CCD+I	169/34	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56765.52518	0.0001	I	-----	CCD+R	174/148	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56765.52567	0.0001	I	-----	CCD+I	169/148	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56813.38362	0.0002	I	-----	CCD+R	112/22	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56813.38426	0.0003	I	-----	CCD+V	98/15	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56819.45798	0.0001	II	-----	CCD+V	86/66	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56819.45821	0.0001	II	-----	CCD+R	97/67	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56824.42753	0.0001	I	-----	CCD+V	108/45	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56824.42819	0.0001	I	-----	CCD+R	82/47	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56827.37322	0.0001	I	-----	CCD+R	99/12	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56827.37345	0.0001	I	-----	CCD+V	110/11	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56891.42913	0.0001	I	-----	CCD+Clear	84/43	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56891.42932	0.0002	I	-----	CCD+R	84/44	Šmelcer L.	Celestron 280/1765 + CCD G2 4000

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56891.42943	0.0002	I	-----	CCD+V	77/40	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56898.42370	0.0000	I	-----	CCD+R	378/209	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
QU Cam							
56730.36676	0.0001	I	-0.0053	DSLR	235/121	S. Jakš, M. Horník	RF Comet finder, Canon 600D
QY Cam							
56692.37612	0.0004	II	-----	CCD+R	164/84	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
V0337 Cam							
56887.48687	0.0003	I	-0.0003	DSLR	165/112	Medulka T.	Refraktor 90/500 + Canon 450D
56898.45921	0.0010	II	-----	DSLR	97/43	Medulka T.	Refraktor 90/500 + Canon 450D
V0382 Cam							
56630.56830	0.0001	I	-0.0020	CCD+R	312/161	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
V0426 Cam							
56729.34202	0.0002	I	-0.0076	CCD+R	222/109	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V0453 Cam							
56750.30772	0.0004	I	-0.0697	CCD+R	250/58	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V0456 Cam							
56654.23695	0.0005	I	-0.0787	CCD+Clear	255/31	Bílek F.	Newton 0.2m f4,4 CCD Atik 314L+
V0459 Cam							
56654.29275	0.0001	I	+0.1598	CCD+R	479/71	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56726.51939	0.0001	I	+0.1609	CCD+R	824/598	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
V0460 Cam							
56718.26793	0.0003	I	-0.0582	CCD+R	95/40	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V0490 Cam							
56718.34742	0.0006	II	-----	CCD+R	136/38	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V0495 Cam							
56737.33413	0.0003	II	-----	CCD+R	337/114	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
ASAS J105115-6032.1 Car							
56814.55806	0.0008	I	-----	CCD+R	32/25	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000

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V0573 Car

56814.61858	0.0005	I	-----	CCD+V	80/63	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56814.61878	0.0008	I	-----	CCD+R	76/61	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56814.62041	0.0006	I	-----	CCD+B	77/64	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600

NSVS 1622436 Cas

56891.40434	0.0003	II	-----	DSLR	119/67	Pintr P.	R80/600mm + Canon EOS 350D
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AX Cas

56507.50802	0.0004	II	+0.0084	CCD+R	224/147	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56597.26408	0.0001	I	+0.0084	CCD+R	168/56	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56897.44967	0.0001	I	+0.0072	CCD+R	270/178	Mazanec J.	N400, G2 402
56897.45250	0.0002	I	+0.0100	CCD+I	265/181	Mazanec J.	N400, G2 402

[show all](#)

CW Cas

56854.51151	0.0004	II	-0.0158	CCD+Clear	330/88	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
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DO Cas

56579.31829	0.0003	I	+0.0017	CCD+V	1031/543	Magris M.	Schmidt-Newton 0.25m F/4, CCD Atik Titan
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EG Cas

56609.25934	0.0002	I	-0.0007	CCD+R	166/86	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
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GJ 3236 Cas §

56729.46380	0.0002	I	-----	CCD+R	117/94	Šmelcer L.	Newton 254/1200 + CCD G2 402
56729.46494	0.0005	I	-----	CCD+V	103/80	Šmelcer L.	Newton 254/1200 + CCD G2 402
56738.33535	0.0005	II	-----	CCD+R	110/46	Šmelcer L.	Newton 254/1200 + CCD G2 402
56739.49040	0.0003	I	-----	CCD+R	251/226	Šmelcer L.	Newton 254/1200 + CCD G2 402
56746.43162	0.0002	I	-----	CCD+R	324/234	Šmelcer L.	Newton 254/1200 + CCD G2 402
56751.44525	0.0007	II	-----	CCD+R	202/195	Šmelcer L.	Newton 254/1200 + CCD G2 402
56755.30181	0.0002	II	-----	CCD+R	181/35	Šmelcer L.	Newton 254/1200 + CCD G2 402
56765.32787	0.0003	II	-----	CCD+R	131/18	Šmelcer L.	Newton 254/1200 + CCD G2 402
56775.35383	0.0004	II	-----	CCD+R	116/58	Šmelcer L.	Newton 254/1200 + CCD G2 402
56778.43913	0.0003	II	-----	CCD+I	239/180	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56778.43980	0.0001	II	-----	CCD+I	236/177	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56786.53641	0.0002	I	-----	CCD+R	319/292	Šmelcer L.	Newton 254/1200 + CCD G2 402
56786.53760	0.0001	I	-----	CCD+I	306/269	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56790.39374	0.0002	I	-----	CCD+R	202/82	Šmelcer L.	Newton 254/1200 + CCD G2 402
56835.51130	0.0008	II	-----	CCD+V	157/130	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56835.51144	0.0001	II	-----	CCD+R	199/164	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56845.53635	0.0006	II	-----	CCD+R	231/224	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56857.49291	0.0001	I	-----	CCD+R	237/174	Šmelcer L.	Celestron 355/2460 + CCD G2 1600

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56857.49329	0.0001	I	-----	CCD+R	262/202	Šmelcer L.	Newton 254/1200 + CCD G2 402
56887.57170	0.0003	I	-----	CCD+V	104/90	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56887.57263	0.0001	I	-----	CCD+R	344/308	Šmelcer L.	Newton 254/1200 + CCD G2 402
56887.57267	0.0002	I	-----	CCD+R	114/99	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56891.42838	0.0004	I	-----	CCD+V	197/115	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56891.42874	0.0002	I	-----	CCD+R	315/181	Šmelcer L.	Newton 254/1200 + CCD G2 402
56894.51395	0.0001	I	-----	CCD+R	223/189	Šmelcer L.	Newton 254/1200 + CCD G2 402
56894.51497	0.0004	I	-----	CCD+V	147/118	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56898.37016	0.0001	I	-----	CCD+R	369/118	Šmelcer L.	Newton 254/1200 + CCD G2 402
MW Cas							
56665.26515	0.0005	II	-----	CCD+V	52/43	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56665.26525	0.0013	II	-----	CCD+R	50/43	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56670.31351	0.0002	I	+0.1945	CCD+I	88/46	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56670.31371	0.0002	I	+0.1947	CCD+R	82/40	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56670.31383	0.0002	I	+0.1948	CCD+V	83/49	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56897.53654	0.0003	II	-----	CCD+R	90/33	Mazanec J.	N400, G2 402
56897.53665	0.0002	II	-----	CCD+I	185/68	Mazanec J.	N400, G2 402
			show all				
NZ Cas							
56543.48192	0.0010	I	+0.0042	CCD+R	148/116	Hanžl D.	0.2-m RL
OQ Cas							
56596.32777	0.0002	II	-0.0129	CCD+R	205/53	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56596.32818	0.0003	II	-0.0125	CCD+I	210/51	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56643.63002	0.0008	II	-0.0124	CCD+R	195/164	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56643.63043	0.0009	II	-0.0120	CCD+I	187/156	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
QQ Cas							
56587.28995	0.0006	II	+0.0093	CCD+Clear	184/102	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
TV Cas							
56837.44839	0.0002	I	-0.0072	DSLR	120/55	Medulka T.	Refraktor 90/500 + Canon 450D
V0366 Cas							
56865.48644	0.0003	II	+0.0150	CCD+R	64/35	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56865.48662	0.0003	II	+0.0152	CCD+V	63/36	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56865.48677	0.0003	II	+0.0153	CCD+I	66/36	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
V0381 Cas							
56895.35298	0.0003	I	+0.0181	CCD+R	78/50	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56895.35655	0.0005	I	+0.0217	CCD+Clear	71/50	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56895.35761	0.0006	I	+0.0228	CCD+V	64/48	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
			show all				

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V0541 Cas 56559.31155	0.0011	I	-0.0023	CCD+V	62/38	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
V0651 Cas 56597.27424	0.0004	II	+0.0004	CCD+V	123/69	Magris M.	Schmidt-Newton 0.25m F/4, Atik Titan
V0793 Cas 56869.39852	0.0009	I	-0.0832	DSLR	130/33	Medulka T.	Refraktor 90/500 + Canon 450D
V0959 Cas 56542.34299	0.0003	I	-0.0038	CCD+R	180/73	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
V0961 Cas 56706.35946	0.0015	I	-0.0064	CCD+R	186/93	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V1031 Cas 56481.52237	0.0002	II	-----	CCD+R	110/70	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56630.31023	0.0004	I	+0.0059	CCD+R	79/52	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
V1053 Cas 56543.39327	0.0022	II	+0.0166	CCD+R	108/25	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56543.39859	0.0018	II	+0.0219	CCD+I	108/25	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56596.31693	0.0014	I	+0.0174	CCD+R	159/36	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56596.32023	0.0011	I	+0.0207	CCD+I	153/34	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56597.28949	0.0022	II	+0.0156	CCD+I	123/29	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56597.29072	0.0023	II	+0.0168	CCD+R	124/36	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56643.39124	0.0029	II	+0.0125	CCD+R	141/60	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56643.39890	0.0032	II	+0.0202	CCD+I	142/55	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
V1060 Cas 56506.45664	0.0001	I	-0.0003	CCD+R	649/303	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56861.48537	0.0002	II	-0.0034	CCD+R	241/164	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
V1067 Cas 56670.58414	0.0002	I	-0.1229	CCD+R	148/93	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56683.39587	0.0001	I	-0.1216	CCD+R	241/110	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56692.48757	0.0001	I	-0.1212	CCD+R	190/56	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56693.31388	0.0001	I	-0.1213	CCD+R	143/118	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
			show all				
V1070 Cas 56843.46648	0.0006	I	+0.0080	DSLR	120/75	Medulka T.	Refraktor 90/500 + Canon 450D
56852.41169	0.0010	I	+0.0042	DSLR	73/38	Medulka T.	Refraktor 90/500 + Canon 450D
			show all				

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V1106 Cas

56522.58086	0.0035	II	-----	CCD+R	67/54	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56864.46931	0.0008	II	-----	CCD+R	149/55	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R

V1107 Cas

56507.45692	0.0002	II	-0.0016	CCD+R	218/105	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56597.27328	0.0002	I	-0.0007	CCD+R	168/65	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56725.36888	0.0004	II	+0.0010	CCD+R	128/97	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				

V1170 Cas

56245.39582	0.0020	II	-----	CCD+R	543/181	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56629.31922	0.0016	I	+0.1256	CCD+R	513/148	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R

ZZ Cas

56670.31843	0.0003	I	+0.0085	CCD+R	105/57	Šmelcer L.	Celestron 280/1765 + CCD ST7
56670.32514	0.0004	I	+0.0152	CCD+V	112/57	Šmelcer L.	Celestron 280/1765 + CCD ST7
			show all				

ASAS J114951-6101.1 Cen

56680.72522	0.0019	I	-----	CCD+I	61/32	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56680.72868	0.0017	I	-----	CCD+R	71/39	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56680.72939	0.0005	I	-----	CCD+B	72/51	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000

ASAS J115108-6355.1 Cen

56774.66078	0.0016	I	-----	CCD+I	42/10	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56774.66840	0.0016	I	-----	CCD+R	33/8	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000

BF Cen

56774.67403	0.0011	I	+0.0012	CCD+R	40/12	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56774.67568	0.0005	I	+0.0029	CCD+B	55/24	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56774.67703	0.0011	I	+0.0042	CCD+I	48/16	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56774.67720	0.0016	I	+0.0044	CCD+V	28/13	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
			show all				

BH Cen

56766.80416	0.0005	I	+0.0124	CCD+R	77/60	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56766.80510	0.0004	I	+0.0134	CCD+B	43/29	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56766.80674	0.0008	I	+0.0150	CCD+I	77/62	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56774.71989	0.0005	I	+0.0123	CCD+I	44/21	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56774.72037	0.0004	I	+0.0128	CCD+R	36/16	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56774.72136	0.0004	I	+0.0138	CCD+B	52/29	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
			show all				

GSC 08976-03898 Cen

56680.76064	0.0005	I	-----	CCD+R	169/122	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
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56680.76134	0.0008	I	-----	CCD+V	172/134	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56680.76199	0.0012	I	-----	CCD+I	146/116	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56680.76286	0.0006	I	-----	CCD+B	168/122	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
GSC 08977-00474 Cen							
56680.69842	0.0011	I	-----	CCD+I	59/27	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56680.70134	0.0012	I	-----	CCD+B	75/46	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56680.70355	0.0009	I	-----	CCD+R	71/34	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56766.54213	0.0008	I	-----	CCD+I	78/14	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56766.54661	0.0005	I	-----	CCD+R	77/14	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56766.70898	0.0010	II	-----	CCD+R	77/43	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56766.71105	0.0006	II	-----	CCD+I	78/45	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
GSC 08977-01661 Cen							
56680.80657	0.0007	I	-----	CCD+B	74/60	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56680.80903	0.0022	I	-----	CCD+I	62/51	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
SV Cen							
56680.80258	0.0005	I	-0.2896	CCD+B	73/61	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56680.80367	0.0011	I	-0.2885	CCD+R	68/57	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56680.80546	0.0007	I	-0.2867	CCD+I	61/49	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56768.64488	0.0006	I	-0.3033	CCD+R	44/28	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56768.64496	0.0004	I	-0.3032	CCD+I	48/32	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56768.64684	0.0004	I	-0.3013	CCD+B	46/30	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
			show all				
V0690 Cen							
56680.65620	0.0018	I	+0.0054	CCD+B	64/33	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
V0692 Cen							
56766.62861	0.0024	I	+0.6656	CCD+R	76/28	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56766.64778	0.0017	I	+0.6848	CCD+I	71/31	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
			show all				
V0916 Cen							
56766.74946	0.0009	I	-0.0045	CCD+V	233/161	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56766.74964	0.0023	I	-0.0043	CCD+I	233/166	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56766.75262	0.0013	I	-0.0013	CCD+R	208/138	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56766.75887	0.0017	I	+0.0049	CCD+B	193/156	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
			show all				
V1104 Cen							
56766.66466	0.0016	I	+0.0027	CCD+I	75/36	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56766.66607	0.0027	I	+0.0041	CCD+B	39/10	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56766.67430	0.0013	I	+0.0123	CCD+R	76/36	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
			show all				

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V1237 Cen

56766.69375	0.0007	I	-0.0054	CCD+R	47/12	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56766.69544	0.0007	I	-0.0037	CCD+I	47/13	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56774.71310	0.0009	II	-----	CCD+I	42/18	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56774.71440	0.0008	II	-----	CCD+R	34/15	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56774.71504	0.0010	II	-----	CCD+B	40/18	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56774.71730	0.0022	II	-----	CCD+V	29/12	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000

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V0358 Cep

56569.28563	0.0004	II	+0.0021	CCD+R	265/47	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56569.51930	0.0002	I	-0.0011	CCD+R	265/242	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56854.40005	0.0007	II	+0.0004	CCD+R	162/46	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R

[show all](#)

V0757 Cep

56726.39764	0.0003	I	+0.0228	CCD+R	123/39	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56726.39781	0.0005	I	+0.0229	CCD+V	122/39	Šmelcer L.	Celestron 355/2460 + CCD G2 1600

[show all](#)

V0800 Cep

56569.46337	0.0002	I	+0.2024	CCD+R	268/202	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56854.48539	0.0002	I	+0.2124	CCD+R	163/100	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R

[show all](#)

V0806 Cep

56683.24265	0.0002	II	-----	CCD+R	142/62	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
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V0816 Cep

56894.44137	0.0004	I	-0.0315	CCD+R	295/177	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
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V0843 Cep

56865.49065	0.0004	I	+0.0087	CCD+R	260/141	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
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V0845 Cep

56865.41348	0.0007	I	-0.0535	CCD+R	260/42	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
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V0934 Cep

56878.51982	0.0003	I	+0.0055	CCD+R	75/43	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
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V0951 Cep

56858.46503	0.0001	I	-0.0520	CCD+Clear	145/78	Bílek F.	Newton 0.2m f4,4 CCD Atik 314L+
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EE Cet 56565.55444	0.0004	I	+0.0239	CCD+Clear	102/63	Mašek M.	R70/700mm, 0,5x reducer + CCD Meade DSI
AM CMi 56718.35083	0.0004	I	+0.0138	CCD+Clear	230/146	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
TT CMi 56608.60121	0.0005	I	+0.0007	CCD+V	41/19	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56608.60140	0.0005	I	+0.0009	CCD+I	41/20	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56608.60256	0.0004	I	+0.0020	CCD+R	40/18	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
AE Cnc 56718.35936	0.0003	I	-0.0118	CCD+V	56/18	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56718.35985	0.0003	I	-0.0113	CCD+R	60/20	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56718.35997	0.0003	I	-0.0112	CCD+I	60/21	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
HN Cnc 56716.28472	0.0006	I	-0.0104	CCD+R	72/35	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56737.30111	0.0002	II	-0.0105	CCD+R	94/38	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
IN Cnc 56716.43515	0.0003	I	-0.0087	CCD+R	99/57	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56765.32738	0.0004	II	-0.0088	CCD+R	69/30	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
IO Cnc 56747.42578	0.0009	I	-0.0110	CCD+R	155/132	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56765.33536	0.0003	II	-0.0078	CCD+R	67/36	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
IT Cnc 56727.34074	0.0004	II	-0.1068	CCD+R	280/38	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56727.51994	0.0005	I	-0.1095	CCD+R	280/222	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
IU Cnc 56643.59685	0.0006	I	-0.0094	CCD+R	164/23	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
KY Cnc 56752.38673	0.0003	I	+0.0095	CCD+Clear	256/136	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
NSVS 10123419 Cnc 56727.45521	0.0004	II	-----	CCD+R	285/160	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R

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TX Cnc							
56584.63541	0.0010	I	+0.0009	CCD+V	470/232	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
56602.63167	0.0004	I	+0.0017	CCD+Clear	653/449	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
			show all				
WW Cnc							
56714.28845	0.0001	I	+0.0043	CCD+R	75/34	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56719.31045	0.0003	II	+0.0046	CCD+R	159/80	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
RU Col							
56640.73754	0.0000	I	+0.0915	CCD+Clear	682/590	Mina, F.; Artola, R.; Zalazar, J.	0.36-m f/5.10 Schmidt-Cassegrain + CCD
CC Com							
56746.53978	0.0001	II	+0.0008	CCD+Clear	384/349	Lomoz F.	Newton 254/1016+G2-8300
EK Com							
56712.43592	0.0002	I	+0.0051	CCD+V	87/26	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56712.43644	0.0001	I	+0.0056	CCD+R	104/24	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56712.43645	0.0003	I	+0.0057	CCD+I	91/25	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56712.56873	0.0003	II	+0.0049	CCD+R	104/96	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
			show all				
KK Com							
56725.53007	0.0011	I	+0.0063	CCD+Clear	101/32	Hladík B.	RF 8/200, ATIK 320E, CG-4
LL Com							
56481.38801	0.0006	I	+0.0050	CCD+R	36/25	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56706.61945	0.0003	II	+0.0094	CCD+R	97/48	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56712.51894	0.0002	I	+0.0082	CCD+R	49/25	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
LQ Com							
56723.46870	0.0004	II	+0.0015	CCD+R	117/41	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56786.44875	0.0002	I	-0.0002	CCD+Clear	136/53	Hájek P., Lehký M.	0.20-m f/4 reflector + CCD ST6
			show all				
LT Com							
56460.39462	0.0004	I	+0.0077	CCD+R	104/60	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56729.48023	0.0003	II	+0.0074	CCD+R	186/114	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56737.41687	0.0002	I	+0.0071	CCD+R	126/69	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
MM Com							
56765.44522	0.0001	II	+0.0139	CCD+R	74/45	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R

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MR Com 56701.50241	0.0002	II	-0.0020	CCD+R	142/51	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
AY CrB 56797.48777	0.0003	I	-0.0316	CCD+Clear	143/24	Čaloud J.	Newton 270/2150 G2 - 1600
BD CrB 56816.46357	0.0006	I	+0.0093	CCD+R	148/79	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
BX CrB 56738.58846	0.0010	II	-----	CCD+I	78/65	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56738.59133	0.0011	II	-----	CCD+R	78/65	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56738.59201	0.0008	II	-----	CCD+V	78/65	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
UX CrB 56778.50392	0.0004	I	-0.2631	CCD+R	100/72	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
DE CVn 56746.38398	0.0006	I	-0.0062	CCD+R	274/139	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
EF CVn 56725.47827	0.0003	I	+0.0047	CCD+R	202/41	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56725.61429	0.0003	II	+0.0047 show all	CCD+R	202/151	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
EG CVn 56670.67907	0.0003	I	+0.0122	CCD+R	95/49	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
EL CVn 56730.41520	0.0002	I	-0.0014	CCD+R	342/184	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
EO CVn 56643.66545	0.0003	I	-0.0088	CCD+R	128/80	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56747.38255	0.0003	I	-0.0051 show all	CCD+R	278/132	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
FN CVn 56726.52613	0.0003	I	+0.0455	CCD+R	103/43	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56726.52636	0.0003	I	+0.0458	CCD+V	105/48	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56726.52716	0.0002	I	+0.0465 show all	CCD+I	101/46	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI

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FU CVn								
56777.48813	0.0005	I	-0.0099	DSLR	156/74	Walter F.		RF Comet finder 20/137, Canon 350 D
FY CVn								
56706.60926	0.0004	I	+0.0591	CCD+R	220/186	Hanžl D.		0.2-m RL + CCD G2 8300 (DATEL telescope)
56709.50454	0.0003	II	-----	CCD+R	384/126	Hanžl D.		0.2-m RL + CCD G2 8300 (DATEL telescope)
FZ CVn								
56706.61456	0.0004	II	-0.0016	CCD+R	209/190	Hanžl D.		0.2-m RL + CCD G2 8300 (DATEL telescope)
56709.48121	0.0003	II	-0.0016	CCD+R	382/96	Hanžl D.		0.2-m RL + CCD G2 8300 (DATEL telescope)
56709.65677	0.0003	I	-0.0054	CCD+R	382/321	Hanžl D.		0.2-m RL + CCD G2 8300 (DATEL telescope)
			show all					
GSC 03557-01334 Cyg								
56588.34826	0.0009	I	-----	CCD+V	127/69	Šmelcer L.		Newton 254/1200 + CCD G2 402
56588.34968	0.0009	I	-----	CCD+R	115/58	Šmelcer L.		Newton 254/1200 + CCD G2 402
GO Cyg								
56854.41176	0.0002	I	-0.0043	DSLR	195/83	Medulka T.		Refraktor 90/500 + Canon 450D
OO Cyg								
56842.43107	0.0002	I	-0.0524	CCD+R	120/40	Hanžl D.		0.2-m RL + CCD G2 8300 (DATEL telescope)
V0456 Cyg								
56845.35898	0.0006	I	-0.0016	DSLR	154/22	Walter F., Divišová L.		RL Finder 20/137 Canon 350D
V0508 Cyg								
56461.38754	0.0006	I	+0.1178	CCD+V	28/13	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56461.38971	0.0003	I	+0.1200	CCD+I	29/15	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56461.39025	0.0003	I	+0.1205	CCD+R	32/15	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56482.44059	0.0004	I	+0.1221	CCD+V	81/35	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56482.44064	0.0003	I	+0.1222	CCD+R	85/35	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56482.44068	0.0002	I	+0.1222	CCD+I	78/30	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56491.40639	0.0002	II	+0.1225	CCD+R	82/18	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56491.40705	0.0002	II	+0.1231	CCD+I	83/18	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56491.40721	0.0005	II	+0.1233	CCD+V	82/20	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56496.47246	0.0004	I	+0.1215	CCD+V	95/50	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56496.47292	0.0002	I	+0.1219	CCD+I	96/48	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56496.47342	0.0002	I	+0.1224	CCD+R	99/51	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56500.37268	0.0004	I	+0.1238	CCD+R	91/14	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56500.37282	0.0005	I	+0.1239	CCD+I	89/14	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56500.37309	0.0006	I	+0.1242	CCD+V	85/15	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56501.54112	0.0003	II	+0.1226	CCD+V	96/76	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56501.54146	0.0003	II	+0.1230	CCD+I	97/75	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56501.54191	0.0003	II	+0.1234	CCD+R	102/81	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI

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56542.47342	0.0002	I	+0.1270	CCD+I	114/68	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56542.47354	0.0004	I	+0.1271	CCD+V	113/69	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56542.47392	0.0002	I	+0.1275	CCD+R	118/76	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56569.37166	0.0002	II	+0.1293	CCD+R	78/26	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56569.37199	0.0002	II	+0.1297	CCD+I	74/25	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56569.37213	0.0003	II	+0.1298	CCD+V	76/27	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56878.50740	0.0002	I	+0.1602	CCD+R	101/64	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56878.50755	0.0002	I	+0.1604	CCD+I	104/65	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56878.50779	0.0004	I	+0.1606	CCD+V	98/60	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
V0749 Cyg							
56821.41963	0.0007	II	-0.0003	CCD+Clear	278/84	Trnka J.	200/1 000, ST-9E
V0807 Cyg							
56481.46326	0.0006	II	-0.0251	CCD+V	62/22	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56481.46470	0.0004	II	-0.0237	CCD+R	62/20	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56483.46196	0.0003	I	-0.0227	CCD+R	70/34	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56483.46232	0.0005	I	-0.0224	CCD+V	66/32	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56495.44171	0.0004	I	-0.0244	CCD+V	90/36	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56495.44188	0.0003	I	-0.0243	CCD+R	98/39	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56519.40665	0.0002	I	-0.0224	CCD+R	77/31	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56519.40736	0.0003	I	-0.0217	CCD+V	102/27	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56521.40229	0.0004	II	-0.0243	CCD+R	112/30	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56521.40341	0.0004	II	-0.0231	CCD+V	107/31	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56541.37281	0.0007	II	-0.0228	CCD+V	92/23	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56541.37284	0.0004	II	-0.0228	CCD+R	96/25	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
V0859 Cyg							
56462.45639	0.0002	II	+0.0081	CCD+R	167/84	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56482.50491	0.0002	I	+0.0091	CCD+R	136/68	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56865.43523	0.0003	II	+0.0103	CCD+R	82/42	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
V0887 Cyg							
56824.45253	0.0002	I	-0.0089	CCD+Clear	267/108	Trnka J.	200/1 000, ST-9E
V0889 Cyg							
56835.40924	0.0008	I	-0.0121	CCD+Clear	244/100	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
V0995 Cyg							
56588.28527	0.0001	I	+0.0326	CCD+V	147/35	Šmelcer L.	Newton 254/1200 + CCD G2 402
56588.28550	0.0001	I	+0.0328	CCD+R	152/41	Šmelcer L.	Newton 254/1200 + CCD G2 402
			show all				
V1073 Cyg							
56574.32099	0.0001	I	-0.0041	CCD+V	429/177	Šmelcer L.	Newton 254/1200 + CCD G2 402

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56574.32138	0.0002	I	-0.0037	CCD+R	427/181	Šmelcer L.	Newton 254/1200 + CCD G2 402
56574.32157	0.0001	I	-0.0036	CCD+B	413/178	Šmelcer L.	Newton 254/1200 + CCD G2 402
			show all				
V1141 Cyg							
56872.52045	0.0007	II	+0.0022	DSLR	52/33	Mašek M.	N150/750mm + Canon EOS 1000D
V1898 Cyg							
56596.43551	0.0006	I	+0.0111	CCD+V	101/49	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56596.43745	0.0007	I	+0.0131	CCD+I	81/44	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56596.44065	0.0010	I	+0.0163	CCD+R	98/42	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
			show all				
V2197 Cyg							
56878.47356	0.0018	II	-0.0007	CCD+Clear	115/58	Hladík B.	RF F200, ATIK 320E, CG-4
V2278 Cyg							
56845.52989	0.0004	I	+0.0583	CCD+I	119/67	Mazanec J.	N400, G2 402
56845.53197	0.0004	I	+0.0604	CCD+R	128/81	Mazanec J.	N400, G2 402
56855.48051	0.0010	II	+0.0589	CCD+I	348/157	Mazanec J.	N400, G2 402
56855.48875	0.0006	II	+0.0672	CCD+R	317/171	Mazanec J.	N400, G2 402
56863.44549	0.0004	II	+0.0639	CCD+I	336/165	Mazanec J.	N400, G2 402
56863.44905	0.0006	II	+0.0674	CCD+R	294/158	Mazanec J.	N400, G2 402
56878.47610	0.0005	I	+0.0789	CCD+I	171/46	Mazanec J.	N400, G2 402
56878.47630	0.0003	I	+0.0791	CCD+R	193/55	Mazanec J.	N400, G2 402
			show all				
V2477 Cyg							
56819.41424	0.0001	II	+0.0024	CCD+Clear	203/125	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
56833.41987	0.0003	II	+0.0018	CCD+Clear	185/114	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
			show all				
V2544 Cyg							
56857.42497	0.0002	I	+0.0083	CCD+Clear	64/28	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56857.42499	0.0004	I	+0.0084	CCD+R	65/28	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56857.42555	0.0003	I	+0.0089	CCD+V	65/31	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
			show all				
V2626 Cyg							
56864.45095	0.0006	I	-0.0326	CCD+R	113/25	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
WZ Cyg							
56878.48217	0.0003	I	-0.0153	CCD+Clear	121/72	Hladík B.	RF F200, ATIK 320E, CG-4
BG Del							
56818.44547	0.0003	I	-0.0145	CCD+Clear	180/72	Trnka J.	200/1 000, ST-9E

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OZ Del							
56844.57395	0.0004	I	-0.0612	CCD+V	66/34	Campos F.	N-200 f/4.7, NEQ6; Atik 314L+, BVRcIc
AV Dor							
56883.88416	0.0004	I	+0.0003	CCD+R	55/40	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56883.88485	0.0004	I	+0.0010	CCD+V	55/42	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56883.88494	0.0004	I	+0.0011	CCD+I	56/40	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56883.88965	0.0005	I	+0.0058	CCD+B	43/29	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
			show all				
AK Dra							
56861.53945	0.0003	I	+0.0340	CCD+V	60/47	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56861.54015	0.0001	I	+0.0347	CCD+Clear	59/47	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56861.54029	0.0004	I	+0.0348	CCD+R	66/50	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
			show all				
AU Dra							
56851.47159	0.0005	I	-0.0085	CCD+V	57/45	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56851.47291	0.0004	I	-0.0072	CCD+I	59/48	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56851.47304	0.0004	I	-0.0071	CCD+R	60/48	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
BX Dra							
56711.46151	0.0002	I	+0.0133	CCD+R	144/68	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56746.49265	0.0002	II	+0.0133	CCD+R	142/61	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
CM Dra							
56894.42075	0.0002	I	+0.0033	CCD+R	103/45	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56894.42085	0.0001	I	+0.0034	CCD+Clear	108/51	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
			show all				
CV Dra							
56821.40911	0.0002	I	+0.0085	CCD+V	85/37	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56821.40960	0.0002	I	+0.0090	CCD+R	83/37	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56821.41070	0.0003	I	+0.0101	CCD+B	78/35	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56821.41075	0.0002	I	+0.0102	CCD+I	79/35	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56862.47764	0.0003	II	+0.0089	CCD+I	161/106	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56862.47833	0.0003	II	+0.0096	CCD+R	158/104	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56862.47841	0.0003	II	+0.0097	CCD+V	161/106	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56862.47883	0.0003	II	+0.0101	CCD+B	160/104	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
EF Dra							
56476.46846	0.0005	I	+0.0104	CCD+B	25/11	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56476.46858	0.0005	I	+0.0105	CCD+I	27/14	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI

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56476.46874	0.0003	I	+0.0106	CCD+V	26/12	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56476.47028	0.0008	I	+0.0122	CCD+R	25/11	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56765.45203	0.0016	II	+0.0182	CCD+I	40/29	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56765.45248	0.0010	II	+0.0186	CCD+R	43/34	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56765.45289	0.0003	II	+0.0190	CCD+B	65/44	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56765.45362	0.0006	II	+0.0198	CCD+V	37/28	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56765.45368	0.0007	II	+0.0198	CCD+Clear	44/28	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
			show all				
GM Dra							
56845.43360	0.0004	I	-0.0057	DSLR	124/100	Medulka T.	Refraktor 90/500 + Canon 450D
HZ Dra							
56460.43956	0.0008	I	-0.0101	CCD+V	90/43	Lehký M.	CG4 + 0.096-m f/4.4 + CCD ST5C + BVRI
56460.43960	0.0012	I	-0.0100	CCD+I	73/37	Lehký M.	CG4 + 0.096-m f/4.4 + CCD ST5C + BVRI
56460.44042	0.0022	I	-0.0092	CCD+R	78/35	Lehký M.	CG4 + 0.096-m f/4.4 + CCD ST5C + BVRI
56865.46387	0.0006	I	-0.0037	CCD+Clear	195/118	Audejean M.	Tele F = 150 mm + CCD Kaf 1603
			show all				
MZ Dra							
56712.59623	0.0001	I	+0.2072	CCD+R	261/110	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56728.56220	0.0001	I	+0.2067	CCD+R	303/139	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
			show all				
NN Dra							
56683.49434	0.0003	I	-0.0028	CCD+R	223/51	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56683.68717	0.0002	II	-0.0010	CCD+R	223/207	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
NSVS 01286630 Dra							
56786.52032	0.0003	II	-----	CCD+R	77/67	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56786.52058	0.0002	II	-----	CCD+Clear	90/73	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56786.52100	0.0005	II	-----	CCD+I	84/74	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56790.35887	0.0003	II	-----	CCD+V	55/6	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56790.35944	0.0001	II	-----	CCD+V	88/11	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56790.35957	0.0001	II	-----	CCD+Clear	48/6	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56790.35959	0.0001	II	-----	CCD+R	76/11	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56790.35971	0.0001	II	-----	CCD+R	57/5	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56790.35975	0.0002	II	-----	CCD+I	74/11	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56790.36015	0.0004	II	-----	CCD+I	50/5	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56813.39417	0.0003	II	-----	CCD+V	54/5	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56813.39534	0.0002	II	-----	CCD+Clear	54/6	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56813.39553	0.0003	II	-----	CCD+R	60/6	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56818.38590	0.0001	I	-----	CCD+Clear	64/12	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56818.38623	0.0002	I	-----	CCD+V	83/14	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56818.38657	0.0002	I	-----	CCD+R	82/13	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56824.52839	0.0001	II	-----	CCD+R	149/145	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56825.48870	0.0002	I	-----	CCD+R	140/111	Šmelcer L.	Celestron 280/1765 + CCD G2 4000

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56827.40837	0.0001	I	-----	CCD+R	123/55	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56832.39941	0.0001	I	-----	CCD+R	125/32	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
NSVS 2690221 Dra							
56683.57820	0.0003	II	-----	CCD+R	222/116	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
QU Dra							
56815.45666	0.0003	I	-0.0006	CCD+R	149/76	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V0341 Dra							
56826.41478	0.0003	I	+0.0056	CCD+Clear	272/174	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
V0349 Dra							
56572.35362	0.0001	I	-0.0119	CCD+Clear	260/145	Jacobsen J.	EQ6, 100 mm refractor, Atik 314
V0372 Dra							
56790.37363	0.0002	I	+0.0097	CCD+Clear	267/94	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
V0374 Dra							
56728.40979	0.0015	I	+0.0292	CCD+Clear	135/104	Jacobsen J.	EQ6, 80 mm refractor, SX-M9
VSX J201516.1+645805 Dra							
56657.25041	0.0005	I	-----	CCD+Clear	204/59	Trnka J.	200/1 000, ST-9E
Z Dra							
56703.51507	0.0001	I	+0.0181	CCD+B	65/49	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56703.51526	0.0001	I	+0.0183	CCD+I	72/53	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56703.51541	0.0001	I	+0.0184	CCD+V	74/55	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56703.51554	0.0001	I	+0.0186	CCD+R	74/55	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56771.38829	0.0001	I	+0.0198	CCD+R	36/22	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56771.38833	0.0002	I	+0.0198	CCD+Clear	36/23	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56771.38848	0.0001	I	+0.0200	CCD+V	38/23	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56771.38860	0.0002	I	+0.0201	CCD+I	36/22	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56771.38869	0.0002	I	+0.0202	CCD+B	42/24	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
			show all				
ASAS J030827-1609.1 Eri							
56626.63248	0.0010	I	-----	CCD+R	43/27	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56631.63163	0.0024	I	-----	CCD+R	53/33	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
GH Eri							
56896.76742	0.0002	I	+0.0133	CCD+I	27/15	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56896.76753	0.0001	I	+0.0134	CCD+B	28/16	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600

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56896.76754	0.0001	I	+0.0134	CCD+V	28/17	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56896.76771	0.0001	I	+0.0136	CCD+R	27/16	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
			show all				
HX Eri							
56629.56533	0.0009	I	-0.0204	CCD+R	56/8	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56629.56771	0.0007	I	-0.0180	CCD+V	46/7	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
			show all				
FG Gem							
56725.36078	0.0002	I	+0.0058	CCD+I	75/36	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56725.36083	0.0002	I	+0.0058	CCD+R	87/41	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56725.36093	0.0002	I	+0.0059	CCD+V	76/35	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
			show all				
IV Gem							
56745.37189	0.0014	II	+0.0121	CCD+R	229/118	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
KV Gem							
56583.55772	0.0001	I	-0.0087	CCD+V	157/59	Magris M.	Schmidt-Newton 0.25m F/4, CCD Atik Titan
56694.34248	0.0001	I	-0.0073	CCD+R	234/134	Šmelcer L.	Newton 254/1200 + CCD G2 402
56703.30462	0.0005	I	-0.0082	CCD+V	223/12	Šmelcer L.	Newton 254/1200 + CCD G2 402
56703.30470	0.0002	I	-0.0081	CCD+R	211/9	Šmelcer L.	Newton 254/1200 + CCD G2 402
56703.48443	0.0003	II	-0.0076	CCD+V	223/180	Šmelcer L.	Newton 254/1200 + CCD G2 402
56703.48451	0.0002	II	-0.0075	CCD+R	211/163	Šmelcer L.	Newton 254/1200 + CCD G2 402
56709.39953	0.0001	I	-0.0081	CCD+V	231/170	Šmelcer L.	Newton 254/1200 + CCD G2 402
56709.39970	0.0001	I	-0.0080	CCD+R	238/169	Šmelcer L.	Newton 254/1200 + CCD G2 402
56729.29865	0.0002	II	-0.0070	CCD+I	69/16	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56729.29897	0.0002	II	-0.0066	CCD+R	74/18	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56729.29908	0.0002	II	-0.0065	CCD+V	77/15	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56739.33762	0.0004	II	-0.0066	CCD+I	62/28	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56739.33898	0.0004	II	-0.0052	CCD+R	59/27	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56739.33911	0.0004	II	-0.0051	CCD+V	49/21	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
			show all				
QW Gem							
56629.53780	0.0001	II	-0.0039	CCD+B	98/36	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56629.53799	0.0001	II	-0.0037	CCD+I	97/34	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56629.53808	0.0001	II	-0.0036	CCD+V	97/34	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56629.53865	0.0001	II	-0.0030	CCD+R	95/35	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56630.43298	0.0002	I	-0.0041	CCD+I	85/37	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56630.43354	0.0002	I	-0.0035	CCD+R	88/40	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56630.43381	0.0002	I	-0.0032	CCD+V	87/40	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56630.43398	0.0002	I	-0.0031	CCD+B	79/37	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI

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show all							
USNO-B1.0 1135-0102876 Gem							
56629.41524	0.0008	I	-----	CCD+V	43/34	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56629.41563	0.0009	I	-----	CCD+I	43/34	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56629.41907	0.0006	I	-----	CCD+R	93/64	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
V0380 Gem							
56725.34725	0.0001	II	-0.0108	CCD+I	297/101	Mazanec J.	N400, G2 402
56727.36697	0.0001	II	-0.0107	CCD+I	303/139	Mazanec J.	N400, G2 402
56727.36739	0.0001	II	-0.0103	CCD+Clear	299/141	Mazanec J.	N400, G2 402
56729.38624	0.0001	II	-0.0111	CCD+Clear	656/111	Lomoz F.	Newton 300/1200+ST2000XM
56729.38861	0.0002	II	-0.0088	CCD+I	305/204	Mazanec J.	N400, G2 402
56729.38861	0.0001	II	-0.0088	CCD+R	320/216	Mazanec J.	N400, G2 402
56746.38546	0.0002	I	-0.0111	CCD+R	227/167	Mazanec J.	N400, G2 402
56746.38593	0.0003	I	-0.0106	CCD+I	202/170	Mazanec J.	N400, G2 402
show all							
V0382 Gem							
56712.33356	0.0001	I	-0.0204	CCD+R	313/144	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56725.34664	0.0002	I	-0.0240	CCD+Clear	179/92	Mašek M.	N150/600mm + CCD Meade DSI
56746.31959	0.0003	II	-----	CCD+R	156/58	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
show all							
V0388 Gem							
56643.50663	0.0001	I	-0.0039	CCD+R	103/46	Šmelcer L.	Newton 254/1200 + CCD G2 402
56643.50674	0.0001	I	-0.0038	CCD+V	91/44	Šmelcer L.	Newton 254/1200 + CCD G2 402
show all							
V0404 Gem							
56694.35704	0.0005	I	+0.0135	CCD+R	188/113	Šmelcer L.	Newton 254/1200 + CCD G2 402
56703.42026	0.0003	I	+0.0104	CCD+V	223/128	Šmelcer L.	Newton 254/1200 + CCD G2 402
56703.42104	0.0001	I	+0.0112	CCD+R	187/93	Šmelcer L.	Newton 254/1200 + CCD G2 402
56709.34889	0.0001	I	+0.0111	CCD+R	240/120	Šmelcer L.	Newton 254/1200 + CCD G2 402
56709.34893	0.0002	I	+0.0111	CCD+V	199/96	Šmelcer L.	Newton 254/1200 + CCD G2 402
56729.39682	0.0003	II	+0.0085	CCD+R	66/53	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56729.39751	0.0003	II	+0.0092	CCD+V	76/55	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56729.39759	0.0005	II	+0.0093	CCD+I	64/54	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56739.33851	0.0005	I	+0.0121	CCD+R	59/26	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56739.33876	0.0003	I	+0.0123	CCD+I	54/28	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56739.33890	0.0003	I	+0.0124	CCD+V	51/23	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
show all							
V0405 Gem							
56694.33895	0.0011	II	-0.0043	CCD+R	176/100	Šmelcer L.	Newton 254/1200 + CCD G2 402
56703.33741	0.0006	I	-0.0168	CCD+R	171/28	Šmelcer L.	Newton 254/1200 + CCD G2 402
56703.34061	0.0007	I	-0.0136	CCD+V	204/51	Šmelcer L.	Newton 254/1200 + CCD G2 402
56709.34236	0.0005	I	-0.0193	CCD+V	166/92	Šmelcer L.	Newton 254/1200 + CCD G2 402
56709.34350	0.0001	I	-0.0181	CCD+R	193/103	Šmelcer L.	Newton 254/1200 + CCD G2 402

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56739.37875	0.0015	I	-0.0201	CCD+I	42/33	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56739.38373	0.0032	I	-0.0151	CCD+V	42/35	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56739.38417	0.0014	I	-0.0147	CCD+R	47/37	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
			show all				
V0428 Gem							
56680.42042	0.0001	I	-0.0131	CCD+R	122/69	F. Scaggiante, D. Zardin	Newton 410/1710 CCD Audine KAF402ME
WW Gem							
56629.39562	0.0003	II	+0.0080	CCD+V	95/47	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56629.39571	0.0004	II	+0.0081	CCD+R	92/53	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56629.39769	0.0004	II	+0.0101	CCD+I	100/55	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
			show all				
Y Gru							
56806.81879	0.0004	I	-0.0457	CCD+Clear	62/9	C. Quiñones, L. Tapia	Schmidt-Cassegrain 14\" + RF + CCD
FW Her							
56712.60162	0.0003	I	+0.0166	CCD+R	67/27	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56712.60236	0.0003	I	+0.0174	CCD+V	67/28	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56842.50347	0.0010	II	+0.0113	CCD+V	83/57	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56842.50560	0.0008	II	+0.0134	CCD+R	87/59	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
GSC 02594-00971 Her							
56802.49606	0.0005	I	-----	CCD+Clear	247/156	Trnka J.	200/1 000, ST-9E
IX Her							
56845.51928	0.0004	I	+0.1430	CCD+I	76/55	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56845.51947	0.0003	I	+0.1432	CCD+R	87/64	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56845.51994	0.0005	I	+0.1437	CCD+V	80/57	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
ROTSE1 J170438.01+330348.3 Her							
56802.41172	0.0004	I	-----	CCD+Clear	246/48	Trnka J.	200/1 000, ST-9E
ROTSE1 J173413.59+440118.5 Her							
56461.47572	0.0004	I	-----	CCD+R	155/101	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56818.37485	0.0007	I	-----	CCD+R	154/25	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56818.49138	0.0008	II	-----	CCD+R	154/124	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56878.46130	0.0014	I	-----	CCD+R	155/107	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R

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V0381 Her 56476.40565	0.0001	I	+0.0086	CCD+R	85/50	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
V0829 Her 56781.55277	0.0003	I	+0.0070	CCD+R	134/88	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56815.39767	0.0004	II	+0.0056	CCD+R	108/67	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
V1002 Her 56831.52103	0.0015	I	-0.0084	CCD+Clear	162/98	Hladík B.	RF F200, ATIK 320E, CG-4
V1031 Her 56750.55300	0.0003	I	+0.0056	CCD+R	192/104	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V1035 Her 56839.41498	0.0002	I	+0.0041	DSLR	63/22	Walter F.	RF Comet finder 20/137, Canon 350 D
V1036 Her 56456.43938	0.0001	II	+0.0073	CCD+R	283/118	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56750.59094	0.0002	II	+0.0099	CCD+R	202/124	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56851.44594	0.0002	I	+0.0083	CCD+R	170/114	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
V1041 Her 56455.41629	0.0007	I	-0.0058	CCD+B	32/17	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56455.41707	0.0003	I	-0.0050	CCD+R	31/17	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56455.41733	0.0004	I	-0.0047	CCD+V	28/16	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56455.41737	0.0005	I	-0.0047	CCD+I	31/15	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56816.38819	0.0012	I	-0.0104	CCD+B	20/10	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56816.38893	0.0004	I	-0.0096	CCD+R	21/9	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56816.38958	0.0005	I	-0.0090	CCD+I	19/8	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56816.38975	0.0005	I	-0.0088	CCD+V	19/9	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
V1051 Her 56856.50280	0.0008	II	+0.1756	CCD+R	162/122	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
V1055 Her 56463.42651	0.0002	II	-0.0032	CCD+R	126/63	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56816.37008	0.0003	II	-0.0023	CCD+R	52/27	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56842.39018	0.0002	I	-0.0035	CCD+R	78/36	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
V1062 Her 56461.39992	0.0002	I	+0.0136	CCD+R	166/35	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56461.52362	0.0002	II	+0.0116	CCD+R	166/136	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56818.44229	0.0004	I	+0.0183	CCD+R	145/83	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56878.40555	0.0008	II	+0.0143	CCD+R	164/70	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R

			show all				
V1064 Her							
56808.56536	0.0003	II	+0.0277	CCD+I	171/114	Mazanec J.	N400, G2 402
56808.56864	0.0002	II	+0.0310	CCD+R	153/109	Mazanec J.	N400, G2 402
56835.50603	0.0003	I	+0.0291	CCD+R	119/82	Mazanec J.	N400, G2 402
56835.50613	0.0003	I	+0.0292	CCD+I	119/84	Mazanec J.	N400, G2 402
56835.50649	0.0003	I	+0.0295	CCD+V	119/82	Mazanec J.	N400, G2 402
			show all				
V1070 Her							
56818.45363	0.0005	I	+0.5991	CCD+R	144/73	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V1091 Her							
56805.31182	0.0002	II	-0.0065	CCD+Clear	202/88	Öğmen Y.	14"LX200R + SBIG ST-8XME
V1097 Her							
56460.51905	0.0001	I	+0.0100	CCD+R	96/73	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56522.40565	0.0001	II	+0.0114	CCD+R	179/122	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56777.52651	0.0001	II	+0.0134	CCD+R	228/127	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56817.39838	0.0001	I	+0.0117	CCD+R	130/77	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
V1100 Her							
56475.42699	0.0001	I	+0.0025	CCD+R	174/103	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56727.64345	0.0001	I	-0.0014	CCD+R	144/86	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56821.49056	0.0002	II	-0.0002	CCD+R	174/118	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
V1106 Her							
56489.36100	0.0008	II	-0.0001	CCD+R	281/13	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56489.48862	0.0002	I	+0.0005	CCD+R	281/178	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56490.38082	0.0005	II	+0.0013	CCD+R	280/29	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56490.50607	0.0002	I	-0.0005	CCD+R	280/184	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56491.39717	0.0003	II	-0.0008	CCD+R	173/58	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56496.36343	0.0003	I	+0.0011	CCD+R	242/32	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56496.49011	0.0003	II	+0.0002	CCD+R	242/194	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56497.38200	0.0002	I	+0.0013	CCD+R	294/52	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56497.50816	0.0002	II	-0.0002	CCD+R	294/217	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56499.54301	0.0003	II	-0.0021	CCD+R	189/149	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56500.43621	0.0002	I	+0.0003	CCD+R	306/135	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56501.45628	0.0002	I	+0.0019	CCD+R	294/146	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56502.34864	0.0004	II	+0.0029	CCD+R	171/22	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
V1119 Her							
56892.39786	0.0005	I	+0.0166	CCD+Clear	219/129	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300

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V1140 Her							
56510.49025	0.0003	I	+0.0172	CCD+Clear	224/118	Trnka J.	200/1 000, ST-9E
56786.51176	0.0005	I	+0.0188	CCD+I	173/90	Mazanec J.	N400, G2 402
56786.51190	0.0002	I	+0.0189	CCD+R	158/81	Mazanec J.	N400, G2 402
			show all				
V1147 Her							
56781.55579	0.0003	I	+0.0171	CCD+R	219/141	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V1159 Her							
778.54261	0.0001	II	-----	CCD+R	219/0	Mazanec J.	N400, G2 402
56778.40146	0.0003	I	-0.0087	CCD+I	209/10	Mazanec J.	N400, G2 402
56778.40154	0.0002	I	-0.0086	CCD+R	219/31	Mazanec J.	N400, G2 402
56778.54581	0.0002	II	-----	CCD+I	209/169	Mazanec J.	N400, G2 402
56817.48115	0.0002	I	-0.0086	CCD+R	150/85	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
			show all				
V1173 Her							
56728.32034	0.0004	II	-----	CCD+Clear	262/47	Jacobsen J.	LXD75, 66 mm refractor, SX-M7
56728.45459	0.0001	I	+0.0988	CCD+Clear	262/220	Jacobsen J.	LXD75, 66 mm refractor, SX-M7
V1183 Her							
56821.44454	0.0003	I	-0.0200	CCD+R	145/62	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V1198 Her							
56814.48222	0.0003	II	-----	DSLR	216/103	Walter F.	RF Comet finder 20/137, Canon 350 D
56818.48265	0.0003	II	-----	DSLR	233/158	Walter F.	RF Comet finder 20/137, Canon 350 D
56819.39079	0.0003	I	+0.0910	DSLR	230/46	Walter F.	RF Comet finder 20/137, Canon 350 D
56819.56751	0.0011	II	-----	DSLR	230/215	Walter F.	RF Comet finder 20/137, Canon 350 D
56824.48030	0.0002	I	+0.0898	DSLR	600/304	Walter F.	RF Comet finder 20/137, Canon 350 D
			show all				
V1216 Her							
56827.39668	0.0002	II	-----	CCD+R	143/31	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56827.54739	0.0003	I	+0.0787	CCD+R	143/126	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
V1233 Her							
56821.51955	0.0004	I	+0.0741	DSLR	286/206	Walter F.	RF Comet finder 20/137, Canon 350 D
56826.48906	0.0004	I	+0.0740	DSLR	171/106	Walter F.	RF Comet finder 20/137, Canon 350 D
56842.48384	0.0004	I	-0.0823	DSLR	232/142	Walter F.	RF Comet finder 20/137, Canon 350 D
56878.51310	0.0007	I	-0.0826	DSLR	145/96	Walter F.	RF Comet finder 20/137, Canon 350 D
			show all				
V0948 Her							
56815.45736	0.0005	I	-0.0188	CCD+Clear	144/53	Hladík B.	RF 200/6, ATIK 320E, CG-4

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ASAS J102420-1833.4 Hya 56765.53978	0.0019	I	-----	CCD+R	92/22	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
ASAS J102528-1911.0 Hya 56765.49156	0.0006	I	-----	CCD+R	61/7	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56765.62112	0.0011	II	-----	CCD+R	61/41	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
ASAS J102612-2000.7 Hya 56765.56319	0.0013	I	-----	CCD+R	87/30	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
EU Hya 56711.46521	0.0003	I	-0.0089	CCD+V	39/18	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56711.46528	0.0005	I	-0.0088	CCD+I	37/17	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56711.46560	0.0007	I	-0.0085	CCD+B	31/14	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56711.46620	0.0003	I	-0.0079	CCD+R	37/17	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
V0470 Hya 56726.35068	0.0006	I	+0.0117	CCD+Clear	48/30	Mašek M.	N150/600mm + CCD Orion SS
AA Hyi 56886.85233	0.0001	I	+0.0133	CCD+R	77/38	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56886.85235	0.0001	I	+0.0134	CCD+V	76/38	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
			show all				
ASAS J204836-4609.7 Ind 56803.78157	0.0018	I	-----	CCD+B	38/20	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56803.78883	0.0012	I	-----	CCD+R	31/14	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56803.79219	0.0014	I	-----	CCD+V	32/18	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
BS Ind 56847.81901	0.0008	I	-0.0496	CCD+B	66/49	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56847.82051	0.0005	I	-0.0481	CCD+R	56/43	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56847.82122	0.0004	I	-0.0474	CCD+I	52/38	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
			show all				
RY Ind 56785.77134	0.0003	I	+0.0034	CCD+Clear	79/29	C. Quiñones	Schmidt-Cassegrain 14\" + RF + CCD
SU Ind 56803.75487	0.0004	II	+0.0040	CCD+R	35/14	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600

CzeV161 Lac							
56499.41071	0.0008	I	-----	CCD+I	96/28	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56499.41091	0.0008	I	-----	CCD+R	107/30	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56499.54044	0.0005	II	-----	CCD+R	107/86	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56499.54225	0.0012	II	-----	CCD+I	96/79	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
CzeV475 Lac							
56574.27009	0.0005	II	-----	CCD+V	117/14	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56574.27025	0.0001	II	-----	CCD+R	103/10	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
EM Lac							
56569.53896	0.0002	I	+0.0105	CCD+R	36/25	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56569.53978	0.0004	I	+0.0113	CCD+V	28/22	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56574.40230	0.0002	II	+0.0092	CCD+V	128/83	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56574.40283	0.0001	II	+0.0098	CCD+R	124/82	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56597.36178	0.0001	II	+0.0098	CCD+V	100/52	Šmelcer L.	Newton 254/1200 + CCD G2 402
56597.36189	0.0001	II	+0.0099	CCD+R	99/52	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
			show all				
LÜ Lac							
56897.33381	0.0003	II	-0.0115	CCD+R	93/31	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56897.48367	0.0004	I	-0.0114	CCD+R	93/79	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
			show all				
PP Lac							
56857.42980	0.0001	II	+0.0060	CCD+V	56/28	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
SW Lac							
56836.44200	0.0005	II	+0.0223	DSLR	74/45	Medulka T.	Refraktor 90/500 + Canon 450D
56864.50492	0.0001	I	+0.0220	CCD+R	155/80	CCD group in Upice	Newton 150/750 + G2-402
			show all				
V0430 Lac							
56499.53933	0.0003	I	+0.0333	CCD+R	103/85	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56499.53988	0.0003	I	+0.0339	CCD+I	100/82	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
VX Lac							
56563.30226	0.0001	I	+0.0007	CCD+V	90/51	Šmelcer L.	Newton 254/1200 + CCD G2 402
56563.30249	0.0001	I	+0.0009	CCD+R	93/53	Šmelcer L.	Newton 254/1200 + CCD G2 402
56650.33611	0.0000	I	+0.0002	CCD+R	66/38	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56650.33660	0.0001	I	+0.0007	CCD+V	65/38	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
			show all				
AM Leo							
56725.48289	0.0002	I	+0.0076	DSLR	178/92	D. Müller, F. Walter	RF Comet finder 20/137, Canon 350 D

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CE Leo									
56778.28838	0.0001	I	-0.0063	CCD+Clear	141/49	Öğmen Y.		14"LX200R + SBIG ST-8XME	
FK Leo									
56719.41142	0.0004	I	-0.0289	CCD+Clear	199/72	Hladík B.		RF 8/200, ATIK 320E, CG-4	
GSC 01965-00735 Leo									
56726.40870	0.0012	I	+0.0242	CCD+Clear	180/99	Hladík B.		RF 8/200, ATIK 320E, CG-4	
GV Leo									
56630.58922	0.0006	I	-0.0222	CCD+B	43/27	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI	
56630.58975	0.0004	I	-0.0217	CCD+R	45/27	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI	
56630.58996	0.0004	I	-0.0215	CCD+V	43/26	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI	
56630.59068	0.0002	I	-0.0207	CCD+I	46/28	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI	
56716.34676	0.0014	II	-0.0186	CCD+I	29/9	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI	
56716.35005	0.0014	II	-0.0153	CCD+B	25/8	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI	
56716.35027	0.0025	II	-0.0151	CCD+V	29/10	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI	
56716.35125	0.0011	II	-0.0141	CCD+R	30/10	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI	
			show all						
GW Leo									
56670.68030	0.0004	I	-0.0319	CCD+R	45/25	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI	
56670.68130	0.0010	I	-0.0309	CCD+V	31/16	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI	
56745.43584	0.0008	II	-----	CCD+R	51/18	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI	
56745.43858	0.0005	II	-----	CCD+V	55/22	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI	
			show all						
UV Leo									
56731.34753	0.0003	I	+0.0031	CCD+Clear	493/238	Urbaník M.		ED 80/600,0.5x Reductor, G1 0300	
56755.35352	0.0001	I	+0.0056	CCD+Clear	309/172	Urbaník M.		ED 80/600,0.5x Reductor, G1 0300	
			show all						
UZ Leo									
56716.45467	0.0002	I	+0.0122	CCD+R	197/111	Šmelcer L.		Newton 254/1200 + CCD G2 402	
56716.45512	0.0003	I	+0.0126	CCD+B	165/97	Šmelcer L.		Newton 254/1200 + CCD G2 402	
56726.34433	0.0003	I	+0.0130	CCD+Clear	296/180	Urbaník M.		ED 80/600,0.5x Reductor, G1 0300	
			show all						
XY Leo									
56692.60551	0.0001	I	+0.0265	DSLR	449/276	Walter F.		RF Comet finder 20/137, Canon 350 D	
56745.44831	0.0005	I	+0.0262	CCD+Clear	609/568	Kuchták B.		Sonnar 180 + G1	
56778.40350	0.0002	I	+0.0254	CCD+Clear	409/226	Urbaník M.		ED 80/600,0.5x Reductor, G1 0300	
			show all						
Y Leo									
56738.34966	0.0001	I	-0.0229	CCD+V	33/13	Vrašťák M.		0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300	
56738.34979	0.0001	I	-0.0228	CCD+R	34/14	Vrašťák M.		0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300	
56738.34995	0.0001	I	-0.0226	CCD+I	34/14	Vrašťák M.		0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300	

[show all](#)

IR Lib

[56803.59237](#) 0.0006 I [+0.0654](#) CCD+R 28/20 M. Mašek, K. Hoňková, J. Juryšek FRAM, 0.3m SCT + CCD G2-1600

T LMi

[56670.48715](#) 0.0002 I [+0.0042](#) CCD+Clear 248/90 Zíbar M. Newton 254/903, G2-0402 (VSES), AG(MMys) on SW 1

BH Lyn

[56588.52120](#) 0.0002 I [+0.0403](#) CCD+R 117/87 Šmelcer L. Celestron 355/2460 + CCD G2 1600
[56654.45607](#) 0.0002 I [+0.0401](#) CCD+Clear 40/32 Bílek F. Newton 0.2m f4,4 CCD Atik 314L+
[56684.54020](#) 0.0002 I [+0.0404](#) CCD+R 106/51 Šmelcer L. Newton 254/1200 + CCD G2 402
[56714.31253](#) 0.0002 I [+0.0406](#) CCD+R 222/53 Hanžl D. 0.2-m RL + CCD G2 8300 (DATEL telescope)

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CF Lyn

[56750.38858](#) 0.0001 I [+0.0102](#) CCD+R 624/372 Lehký M. EQ6 + 0.25-m f/4 + CCD ST7 + R

CzeV242 Lyn

§
[56709.45746](#) 0.0003 I ----- CCD+R 36/14 Šmelcer L. Celestron 355/2460 + CCD G2 1600
[56709.45820](#) 0.0004 I ----- CCD+V 31/12 Šmelcer L. Celestron 355/2460 + CCD G2 1600
[56709.45881](#) 0.0004 I ----- CCD+I 34/14 Šmelcer L. Celestron 355/2460 + CCD G2 1600
[56718.55262](#) 0.0005 I ----- CCD+V 96/65 Šmelcer L. Newton 254/1200 + CCD G2 402
[56718.55291](#) 0.0004 I ----- CCD+R 92/61 Šmelcer L. Newton 254/1200 + CCD G2 402

EK Lyn

[56701.41948](#) 0.0001 I [-0.0253](#) CCD+Clear 219/99 Walter F. RL "MARK" 40/406, SBIG ST10XME

EL Lyn

[56718.55446](#) 0.0002 I [-0.0060](#) CCD+V 112/76 Šmelcer L. Newton 254/1200 + CCD G2 402
[56718.55473](#) 0.0001 I [-0.0057](#) CCD+R 116/78 Šmelcer L. Newton 254/1200 + CCD G2 402

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FN Lyn

[56718.30263](#) 0.0003 I [-0.0156](#) CCD+R 132/60 Lehký M. EQ6 + 0.25-m f/4 + CCD ST7 + R
[56765.38268](#) 0.0007 I [-0.0158](#) CCD+Clear 264/83 Urbaník M. 120/420 G1 0300

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RZ Lyn

[56683.36183](#) 0.0002 I [-0.0116](#) CCD+R 134/58 Lehký M. EQ6 + 0.25-m f/4 + CCD ST7 + R

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SW Lyn

56692.48826	0.0001	I	+0.0014	CCD+B	141/81	Šmelcer L.	Newton 254/1200 + CCD G2 402
56692.48835	0.0001	I	+0.0015	CCD+R	139/79	Šmelcer L.	Newton 254/1200 + CCD G2 402
56725.33495	0.0001	I	+0.0007	CCD+R	79/39	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56725.33518	0.0001	I	+0.0010	CCD+B	84/41	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56725.33525	0.0001	I	+0.0010	CCD+V	85/41	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56725.33545	0.0001	I	+0.0012	CCD+I	79/38	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI

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UV Lyn

56725.37454	0.0003	II	+0.0119	CCD+R	109/66	Šmelcer L.	Newton 254/1200 + CCD G2 402
56725.37488	0.0002	II	+0.0122	CCD+B	108/70	Šmelcer L.	Newton 254/1200 + CCD G2 402
56725.37500	0.0002	II	+0.0123	CCD+V	110/71	Šmelcer L.	Newton 254/1200 + CCD G2 402
56729.31684	0.0001	I	+0.0124	CCD+R	395/199	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R

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IP Lyr

56745.60529	0.0007	II	-0.0018	CCD+R	62/43	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56745.60588	0.0006	II	-0.0012	CCD+V	61/43	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI

[show all](#)

IW Lyr

56456.40717	0.0001	I	+0.0087	CCD+R	76/22	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56456.40724	0.0003	I	+0.0088	CCD+V	73/19	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56456.40734	0.0001	I	+0.0089	CCD+I	75/21	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56816.54167	0.0003	I	+0.0106	CCD+V	40/32	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56816.54197	0.0006	I	+0.0109	CCD+I	39/31	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56816.54203	0.0003	I	+0.0110	CCD+R	41/33	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI

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OT Lyr

56588.27725	0.0009	I	-----	CCD+R	165/94	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
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PV Lyr

56817.48505	0.0005	I	+0.0085	CCD+V	73/50	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56817.48527	0.0004	I	+0.0087	CCD+R	80/54	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56817.48659	0.0006	I	+0.0100	CCD+I	78/51	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI

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V0376 Lyr

56856.44341	0.0031	II	-----	CCD+V	53/29	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56856.44685	0.0017	II	-----	CCD+I	48/27	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56856.44985	0.0018	II	-----	CCD+R	43/25	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI

V0406 Lyr

56746.59051	0.0002	II	+0.0141	CCD+I	51/27	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56746.59155	0.0002	II	+0.0152	CCD+V	49/27	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300

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show all							
V0573 Lyr							
56815.50353	0.0003	II	+0.0621	CCD+R	135/76	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
V0574 Lyr							
56462.44824	0.0002	I	+0.0070	CCD+I	62/30	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56462.44835	0.0002	I	+0.0071	CCD+R	63/30	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56462.44872	0.0002	I	+0.0074	CCD+V	58/25	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56590.27364	0.0005	I	+0.0091	CCD+R	26/15	Šmelcer L.	Celestron 280/1765 + CCD ST7
56590.27459	0.0006	I	+0.0101	CCD+V	24/17	Šmelcer L.	Celestron 280/1765 + CCD ST7
56596.28107	0.0002	I	+0.0078	CCD+R	85/51	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56596.28158	0.0001	I	+0.0083	CCD+V	80/48	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56819.42744	0.0008	I	+0.0098	CCD+I	78/28	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56819.42761	0.0004	I	+0.0100	CCD+R	83/31	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56819.42862	0.0011	I	+0.0110	CCD+V	74/24	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56819.56235	0.0003	II	+0.0081	CCD+R	83/75	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56819.56321	0.0004	II	+0.0090	CCD+V	74/67	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56819.56328	0.0006	II	+0.0091	CCD+I	78/71	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
show all							
V0577 Lyr							
56585.22259	0.0008	I	+0.1476	CCD+V	121/8	Šmelcer L.	Newton 254/1200 + CCD G2 402
56585.22419	0.0009	I	+0.1492	CCD+R	130/5	Šmelcer L.	Newton 254/1200 + CCD G2 402
56585.41656	0.0004	II	+0.1466	CCD+V	121/107	Šmelcer L.	Newton 254/1200 + CCD G2 402
56585.41886	0.0005	II	+0.1489	CCD+R	130/108	Šmelcer L.	Newton 254/1200 + CCD G2 402
show all							
V0580 Lyr							
56460.38582	0.0002	II	-0.0095	CCD+R	35/14	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56460.38620	0.0003	II	-0.0091	CCD+V	33/14	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56460.38624	0.0002	II	-0.0091	CCD+I	34/14	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56706.65783	0.0003	II	-0.0106	CCD+R	37/19	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56706.65785	0.0003	II	-0.0106	CCD+V	39/21	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56706.65823	0.0003	II	-0.0102	CCD+I	34/18	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56861.44458	0.0003	I	-0.0133	CCD+I	40/7	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56861.44459	0.0003	I	-0.0133	CCD+R	38/6	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56861.44461	0.0004	I	-0.0133	CCD+V	40/6	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
show all							
V0656 Lyr							
56857.49627	0.0002	I	+0.0272	CCD+I	236/126	Mazanec J.	N400, G2 402
56857.49629	0.0001	I	+0.0273	CCD+R	234/125	Mazanec J.	N400, G2 402
show all							
AU Mon							
56692.67397	0.0012	I	+0.6740	CCD+V	130/60	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600

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56692.67525	0.0007	I	+0.6753	CCD+B	128/57	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56692.67689	0.0013	I	+0.6769	CCD+R	122/63	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56692.67695	0.0036	I	+0.6770	CCD+I	112/62	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
			show all				
GSC 04833-01209 Mon							
56690.62587	0.0005	I	+0.0027	CCD+R	47/21	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56690.63034	0.0006	I	+0.0071	CCD+V	46/23	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56690.63056	0.0007	I	+0.0074	CCD+I	35/18	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
			show all				
IZ Mon							
56582.61910	0.0004	I	-0.0096	CCD+V	130/46	Magris M.	Schmidt-Newton 0.25m F/4, CCD Atik Titan
56654.35991	0.0004	I	-0.0108	CCD+V	65/18	Šmelcer L.	Newton 254/1200 + CCD G2 402
56654.36037	0.0006	I	-0.0104	CCD+R	63/17	Šmelcer L.	Newton 254/1200 + CCD G2 402
56718.30407	0.0002	I	-0.0107	CCD+R	223/50	Šmelcer L.	Newton 254/1200 + CCD G2 402
			show all				
KR Mon							
56719.40324	0.0008	I	-0.0022	CCD+R	64/43	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56719.40452	0.0006	I	-0.0009	CCD+I	59/40	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56719.40469	0.0006	I	-0.0008	CCD+V	56/36	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56719.40663	0.0006	I	+0.0012	CCD+B	57/39	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
V0453 Mon							
56692.71870	0.0008	II	-0.0021	CCD+I	82/45	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56692.71942	0.0005	II	-0.0014	CCD+V	79/41	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56692.71989	0.0006	II	-0.0009	CCD+B	63/34	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56692.71989	0.0007	II	-0.0009	CCD+R	107/65	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
			show all				
V0498 Mon							
56575.79392	0.0006	II	-0.0298	CCD+V	106/43	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56575.79644	0.0004	II	-0.0273	CCD+R	111/40	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
			show all				
V0532 Mon							
56711.27223	0.0008	I	-0.0195	CCD+V	16/9	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56711.27387	0.0012	I	-0.0179	CCD+I	18/8	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56711.27531	0.0008	I	-0.0165	CCD+R	18/8	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56713.37161	0.0003	II	-0.0221	CCD+V	29/16	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56713.37293	0.0003	II	-0.0208	CCD+R	30/16	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56713.37362	0.0003	II	-0.0201	CCD+I	29/15	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
V0730 Mon							
56643.46497	0.0011	II	+0.0524	CCD+Clear	99/42	Mašek M.	R70/700mm, 0,5x reducer + CCD Meade DSI
V0843 Mon							
56713.38956	0.0013	I	+0.0038	DSLR	46/33	Mašek M.	N150/600mm + Canon EOS 1000D

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V0882 Mon 56703.35070	0.0001	I	+0.0155	CCD+Clear	105/57	Mašek M.	N150/600mm + CCD Meade DSI
V0922 Mon 56713.37021	0.0002	I	-0.0067	DSLR	203/131	Mašek M.	N150/600mm + Canon EOS 1000D
ASAS J175135-0622.4 Oph 56498.66346	0.0014	I	-----	CCD+V	52/19	Mašek M.	FRAM, Nikkor 300mm + G4-16000
56498.66455	0.0016	I	-----	CCD+R	70/35	Mašek M.	FRAM, Nikkor 300mm + G4-16000
56498.66784	0.0024	I	-----	CCD+B	56/23	Mašek M.	FRAM, Nikkor 300mm + G4-16000
56498.67124	0.0037	I	-----	CCD+I	68/40	Mašek M.	FRAM, Nikkor 300mm + G4-16000
V0456 Oph 56843.41097	0.0001	II	-0.0037	CCD+Clear	233/102	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
V2203 Oph 56461.52587	0.0003	II	-0.0061	CCD+R	34/19	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56461.52602	0.0002	II	-0.0060	CCD+V	34/20	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56461.52619	0.0002	II	-0.0058	CCD+I	34/19	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56461.52634	0.0005	II	-0.0057	CCD+B	34/20	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
V2377 Oph 56853.48004	0.0012	II	+0.0126	DSLR	117/82	Medulka T.	Refraktor 90/500 + Canon 450D
V2425 Oph 56798.44392	0.0002	II	-0.0089	CCD+Clear	260/97	M. Mašek, R. Uhlář	N150/750mm + SBIG ST-7
V2713 Oph 56819.45855	0.0002	I	-0.0087	CCD+Clear	108/54	M. Mašek, J. Filip	N150/750mm + SBIG ST-7
V0647 Ori 56602.53570	0.0002	I	+0.0061	CCD+Clear	207/89	Magris M.	Schmidt-Newton 0.25m F/4, CCD Atik Titan
V2757 Ori 56695.25778	0.0009	I	+0.0126	CCD+R	118/33	F. Scaggiante, D. Zardin	Newton 410/1710 ccd Audine KAF402ME
V2767 Ori 56629.53048	0.0008	I	+0.0276	CCD+Clear	99/54	Mazanec J.	N400, G2 402

IV Pav

56805.66986	0.0014	I	-----	CCD+B	50/9	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56805.67232	0.0012	I	-----	CCD+R	61/9	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56805.67309	0.0010	I	-----	CCD+I	61/9	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000

KZ Pav

56805.83677	0.0005	I	-0.0020	CCD+I	62/49	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56805.83682	0.0004	I	-0.0019	CCD+R	62/49	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56805.83741	0.0005	I	-0.0013	CCD+V	42/32	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000

[show all](#)

MW Pav

56805.76312	0.0008	II	+0.0576	CCD+I	55/29	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56805.76430	0.0012	II	+0.0588	CCD+B	56/29	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56805.76528	0.0014	II	+0.0598	CCD+V	35/18	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000

[show all](#)

BB Peg

56573.42731	0.0001	I	-0.0057	CCD+Clear	204/60	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
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BK Peg

56594.38555	0.0016	II	-0.0065	CCD+Clear	53/24	Mazanec J.	N400, G2 402
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BX Peg

56888.37706	0.0001	I	+0.0021	CCD+V	87/45	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
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GH Peg

56845.54345	0.0003	I	+0.0064	CCD+Clear	98/45	Hladík B.	RF F200, ATIK 320E, CG-4
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GP Peg

56878.40689	0.0002	I	+0.0012	CCD+Clear	181/88	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
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KW Peg

56888.35764	0.0002	I	+0.0036	CCD+V	87/22	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
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U Peg

56897.56284	0.0004	II	-0.0066	DSLR	76/37	Mašek M.	Sonnar 180mm + Canon EOS 1000D
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V0365 Peg

56871.50597	0.0023	I	-0.0078	DSLR	78/57	Medulka T.	Refraktor 90/500 + Canon 450D
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V0407 Peg 56567.34763	0.0003	I	-0.0114	DSLR	344/135	Walter F.	RF Comet finder 20/137, Canon 350 D
DK Per							
56609.22956	0.0001	I	-0.0067	CCD+R	35/15	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56609.22974	0.0001	I	-0.0065	CCD+I	33/13	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56609.22975	0.0002	I	-0.0065	CCD+V	37/16	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56693.27621	0.0003	II	-0.0046	CCD+I	46/27	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56693.27681	0.0003	II	-0.0040	CCD+R	43/25	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56693.27759	0.0008	II	-0.0033	CCD+V	48/27	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
NSVS 1750812 Per							
56180.30401	0.0003	I	-----	CCD+I	88/5	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56180.30498	0.0006	I	-----	CCD+R	87/6	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56180.49063	0.0003	II	-----	CCD+R	87/52	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56180.49185	0.0008	II	-----	CCD+I	88/52	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
PS Per							
56609.45900	0.0008	II	+0.0017	CCD+R	145/93	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56643.51548	0.0003	I	+0.0024	CCD+R	101/64	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
V0432 Per 56584.38593	0.0004	II	-0.0033	CCD+V	107/59	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
V0723 Per 56566.49395	0.0002	I	-0.1067	CCD+R	407/310	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
V0737 Per 56630.43171	0.0002	II	-0.0018	CCD+R	166/98	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
V0873 Per							
56609.38301	0.0002	II	-0.0011	CCD+R	59/32	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56609.38307	0.0002	II	-0.0011	CCD+I	57/30	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56609.38309	0.0003	II	-0.0010	CCD+B	54/28	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56609.38321	0.0001	II	-0.0009	CCD+V	58/32	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56629.28852	0.0001	I	-0.0020	CCD+R	39/22	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56629.28858	0.0001	I	-0.0020	CCD+V	40/22	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56629.28863	0.0001	I	-0.0019	CCD+I	39/22	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56629.28919	0.0001	I	-0.0014	CCD+B	38/23	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
V0876 Per 56630.33446	0.0002	II	-0.0013	CCD+R	346/55	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)

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56630.49456	0.0004	I	-0.0012	CCD+R	346/225	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56643.29328	0.0002	I	-0.0009	CCD+R	444/105	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56643.45239	0.0003	II	-0.0018	CCD+R	444/296	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56654.49216	0.0003	I	-0.0007	CCD+R	188/152	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56666.33024	0.0004	I	-0.0012	CCD+R	194/30	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
			show all				
V0885 Per							
56542.51073	0.0001	I	-0.1382	CCD+R	114/74	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56643.24399	0.0003	II	-----	CCD+R	224/63	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56643.39556	0.0003	I	-0.1349	CCD+R	224/185	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
V0887 Per							
56729.33239	0.0007	II	+0.0073	CCD+Clear	342/165	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
V0963 Per							
56650.48052	0.0004	I	-0.0116	CCD+V	76/53	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56650.48197	0.0002	I	-0.0101	CCD+R	75/51	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56718.40625	0.0002	I	-0.0113	CCD+V	58/24	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56718.40625	0.0001	I	-0.0113	CCD+R	66/28	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
			show all				
XZ Per							
56654.46195	0.0001	I	-0.0128	CCD+V	42/21	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56654.46225	0.0001	I	-0.0125	CCD+R	47/28	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56692.46565	0.0001	I	-0.0130	CCD+V	63/28	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56692.46595	0.0001	I	-0.0127	CCD+R	56/24	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
			show all				
CG Phe							
56885.75022	0.0006	I	-----	CCD+B	39/10	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56885.75069	0.0010	I	-----	CCD+V	40/12	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56885.75118	0.0007	I	-----	CCD+R	40/13	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56885.75313	0.0006	I	-----	CCD+I	33/10	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
zet Phe							
56585.65576	0.0011	II	+0.0044	DSLR	179/109	Benáček J.	Canon 600D
SW Phe							
56886.65575	0.0015	II	-----	CCD+R	42/19	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
ASAS J054134-6044.1 Pic							
56883.76058	0.0013	I	-----	CCD+I	36/7	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000

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56883.76372	0.0007	I	-----	CCD+R	43/8	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56883.76388	0.0009	I	-----	CCD+V	40/8	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56883.76797	0.0015	I	-----	CCD+B	36/9	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
WZ Pic							
56895.84214	0.0003	I	+0.0019	CCD+I	39/19	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56895.84265	0.0002	I	+0.0024	CCD+V	51/27	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56895.84279	0.0002	I	+0.0025	CCD+R	41/23	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56895.84294	0.0002	I	+0.0027	CCD+B	58/30	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
			show all				
AQ Psc							
56563.46657	0.0001	I	-0.0054	DSLR	79/36	Mašek M.	N200/1000mm + Canon EOS 1000D
GT Psc							
56564.44867	0.0003	I	-0.0252	CCD+Clear	417/153	Trnka J.	200/1 000, ST-9E
HL Psc							
56561.81729	0.0016	II	-----	CCD+R	51/35	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56561.81796	0.0010	II	-----	CCD+B	58/45	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56561.81990	0.0009	II	-----	CCD+V	63/45	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56561.82427	0.0011	II	-----	CCD+I	48/35	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
HN Psc							
56584.33150	0.0032	I	-0.0087	CCD+Clear	223/113	Jacobsen J.	EQ6, 80 mm refractor, MX916
SU Psc							
56569.40775	0.0005	I	+0.0017	CCD+Clear	75/37	Mazanec J.	N400, G2 402
CzeV507 Pup							
56650.66642	0.0009	I	-----	CCD+V	76/10	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56650.66736	0.0006	I	-----	CCD+I	61/11	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56691.74055	0.0005	I	-----	CCD+V	88/77	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56691.74062	0.0020	I	-----	CCD+I	76/68	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56691.74704	0.0004	I	-----	CCD+R	97/82	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56691.74953	0.0006	I	-----	CCD+B	90/77	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
VY Pup							
56738.30657	0.0004	I	+0.0029	CCD+Clear	80/47	Urbaník M.	ED 80/600, 0.5x Reductor, G1 0300

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GSC 07875-00125 Sco

56857.57018	0.0013	I	-----	CCD+V	22/14	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56857.57742	0.0010	I	-----	CCD+B	33/17	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56857.57768	0.0015	I	-----	CCD+I	25/16	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56857.57899	0.0013	I	-----	CCD+R	20/10	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000

V0499 Sco

56813.60919	0.0011	I	+0.0541	CCD+B	51/31	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56813.61127	0.0007	I	+0.0562	CCD+R	44/27	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56813.61152	0.0013	I	+0.0564	CCD+V	39/28	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56813.61164	0.0008	I	+0.0566	CCD+I	44/28	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
			show all				

V0569 Sco

56874.65366	0.0015	I	-0.0012	CCD+B	38/15	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56874.65393	0.0007	I	-0.0009	CCD+R	30/14	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56874.65500	0.0007	I	+0.0001	CCD+V	39/16	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
			show all				

V0581 Sco

56812.75316	0.0001	I	+0.0231	CCD+Clear	266/196	C. Quiñones	Reflector Schmidt-Cassegrain 14\" + CCD
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V0590 Sco

56857.60393	0.0010	I	+0.0077	CCD+I	25/16	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56857.60408	0.0008	I	+0.0079	CCD+R	28/17	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56857.60451	0.0012	I	+0.0083	CCD+B	31/19	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56857.60523	0.0015	I	+0.0090	CCD+V	15/8	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
			show all				

V1305 Sco

56770.76801	0.0009	II	-----	CCD+I	43/25	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56770.76874	0.0005	II	-----	CCD+V	40/24	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56770.76882	0.0004	II	-----	CCD+R	44/27	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56770.77004	0.0005	II	-----	CCD+B	39/23	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56813.57903	0.0007	II	-----	CCD+B	53/24	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56813.57986	0.0009	II	-----	CCD+I	45/21	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56813.58084	0.0007	II	-----	CCD+R	45/22	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000
56813.58233	0.0010	II	-----	CCD+V	35/21	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000

AU Ser

56787.36781	0.0001	I	-0.0007	CCD+Clear	177/74	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
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CC Ser								
56800.32931	0.0001	I	+0.0085	CCD+V	283/135	Öğmen Y.		14"LX200R + SBIG ST-8XME
NSVS 10653195 Ser								
56813.44475	0.0001	I	-----	CCD+R	188/90	Šmelcer L.		Newton 254/1200 + CCD G2 402
56818.48973	0.0002	I	-----	CCD+V	95/68	Šmelcer L.		Newton 254/1200 + CCD G2 402
56818.49134	0.0002	I	-----	CCD+R	120/92	Šmelcer L.		Newton 254/1200 + CCD G2 402
56824.37893	0.0001	I	-----	CCD+R	173/34	Šmelcer L.		Newton 254/1200 + CCD G2 402
56825.50053	0.0001	II	-----	CCD+R	209/192	Šmelcer L.		Newton 254/1200 + CCD G2 402
V0384 Ser								
56864.38763	0.0003	II	+0.0044	CCD+R	103/43	CCD group in Upice		Cassegrain 300/3500 + FLI
V0385 Ser								
56723.62809	0.0005	I	+0.0200	CCD+Clear	76/41	Mašek M.		N150/600mm + CCD Meade DSI
WW Sex								
56683.53867	0.0003	I	+0.0031	CCD+B	39/16	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56683.53871	0.0003	I	+0.0031	CCD+I	41/16	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56683.53898	0.0003	I	+0.0034	CCD+V	37/15	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56683.54012	0.0004	I	+0.0045	CCD+R	36/13	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
			show all					
WY Sex								
56706.52176	0.0001	I	+0.0046	CCD+Clear	37/17	Mašek M.		N150/600mm + CCD Meade DSI
56729.33878	0.0009	I	+0.0023	CCD+Clear	187/39	Jacobsen J.		EQ6, 80 mm refractor, SX-M9
			show all					
UU Sge								
56854.38704	0.0002	I	+0.0015	CCD+R	57/32	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
AH Tau								
56609.51103	0.0001	I	-0.0027	CCD+I	29/15	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56609.51118	0.0001	I	-0.0026	CCD+R	27/14	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56609.51136	0.0001	I	-0.0024	CCD+V	29/15	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56609.51173	0.0002	I	-0.0020	CCD+B	27/14	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56610.34362	0.0001	II	-0.0015	CCD+I	33/17	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56610.34368	0.0002	II	-0.0014	CCD+R	33/17	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56610.34371	0.0002	II	-0.0014	CCD+V	33/19	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI
56610.34498	0.0003	II	-0.0001	CCD+B	34/19	Lehký M.		0.40-m f/5 + CCD G2-1600 + BVRI

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56692.34625	0.0001	I	-0.0032 show all	DSLR	374/225	Walter F.	RF Comet finder 20/137, Canon 350 D
CF Tau							
56654.30986	0.0007	II	-0.0254	CCD+V	94/56	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56654.31182	0.0003	II	-0.0234	CCD+I	121/59	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56654.31288	0.0005	II	-0.0224 show all	CCD+R	123/62	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
CU Tau							
56597.43474	0.0003	I	-0.0188	CCD+V	86/16	Šmelcer L.	Newton 254/1200 + CCD G2 402
56597.43481	0.0003	I	-0.0187	CCD+R	91/17	Šmelcer L.	Newton 254/1200 + CCD G2 402
56643.22050	0.0004	I	-0.0238	CCD+V	55/10	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56643.22344	0.0004	I	-0.0209	CCD+R	67/11	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56692.31232	0.0002	I	-0.0231 show all	DSLR	375/150	Walter F.	RF Comet finder 20/137, Canon 350 D
EQ Tau							
56592.39127	0.0001	II	+0.0041	CCD+Clear	137/75	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
GQ Tau							
56630.32623	0.0001	I	-0.0146	CCD+V	80/44	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56630.32668	0.0001	I	-0.0142 show all	CCD+R	82/43	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
GR Tau							
56692.32429	0.0002	I	-0.0019	CCD+Clear	279/159	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
RZ Tau							
56574.45690	0.0002	I	+0.0111	CCD+Clear	47/16	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
56630.36600	0.0003	II	+0.0116	CCD+Clear	156/86	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
56639.30205	0.0006	I	+0.0107 show all	CCD+Clear	58/26	J. Mravík, J. Grnja	SW 150/750 + EQ6 + SBIG ST7
SV Tau							
56671.33529	0.0002	I	-0.0092	CCD+Clear	311/131	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
V1128 Tau							
56644.34326	0.0002	I	-0.0033	CCD+Clear	131/93	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
V1239 Tau							
56597.57408	0.0004	I	+0.0056	CCD+Clear	84/57	Mazanec J.	N400, G2 402
V1332 Tau							
56559.60052	0.0006	I	+0.0067	CCD+V	61/26	Magris M.	Schmidt-Newton 0.25m F/4, CCD MX 716
V1370 Tau							
56664.38308	0.0002	I	+0.0012	CCD+R	137/24	F. Scaggiante, D. Zardin	Newton 410/1710 ccd Audine KAF402ME

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WY Tau

56730.27798	0.0002	I	-0.0008	CCD+R	82/31	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56731.31662	0.0001	II	-0.0013	CCD+R	134/73	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				

BU Tri

56566.40906	0.0007	I	+0.0033	CCD+R	138/41	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56566.40998	0.0011	I	+0.0043	CCD+I	131/32	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56566.55520	0.0010	II	+0.0025	CCD+I	131/89	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56566.55611	0.0010	II	+0.0034	CCD+R	138/100	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				

BV Tri

56566.48424	0.0022	II	+0.0005	CCD+R	137/75	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56566.48826	0.0018	II	+0.0045	CCD+I	143/85	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				

BX Tri

56557.75664	0.0008	II	-0.0013	CCD+R	22/9	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56557.75689	0.0006	II	-0.0010	CCD+I	23/10	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56557.75773	0.0008	II	-0.0002	CCD+V	22/10	M. Mašek, K. Hoňková, J. Juryšek	FRAM, 0.3m SCT + CCD G2-1600
56643.38475	0.0003	I	-0.0002	CCD+V	96/29	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56643.38500	0.0003	I	+0.0001	CCD+R	117/41	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56643.47753	0.0004	II	-0.0034	CCD+R	117/93	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56643.47983	0.0009	II	-0.0011	CCD+V	96/81	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56684.22318	0.0002	I	-0.0005	CCD+R	132/8	Šmelcer L.	Newton 254/1200 + CCD G2 402
56684.22350	0.0005	I	-0.0002	CCD+V	142/7	Šmelcer L.	Newton 254/1200 + CCD G2 402
56684.31754	0.0004	II	-0.0022	CCD+V	142/63	Šmelcer L.	Newton 254/1200 + CCD G2 402
56684.31868	0.0004	II	-0.0010	CCD+R	132/64	Šmelcer L.	Newton 254/1200 + CCD G2 402
56684.41445	0.0006	I	-0.0019	CCD+V	142/126	Šmelcer L.	Newton 254/1200 + CCD G2 402
56684.41506	0.0002	I	-0.0013	CCD+R	132/117	Šmelcer L.	Newton 254/1200 + CCD G2 402
56692.31250	0.0003	I	-0.0019	CCD+V	110/46	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56692.31319	0.0002	I	-0.0012	CCD+R	108/54	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56693.27692	0.0002	I	-0.0007	CCD+R	121/44	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56693.27794	0.0003	I	+0.0003	CCD+V	128/47	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56693.37013	0.0007	II	-0.0035	CCD+V	128/102	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56693.37020	0.0004	II	-0.0034	CCD+R	121/98	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56702.23248	0.0003	II	-0.0024	CCD+V	51/9	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56702.23304	0.0003	II	-0.0018	CCD+R	74/13	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56702.32950	0.0001	I	-0.0020	CCD+V	51/48	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56702.32982	0.0003	I	-0.0017	CCD+R	74/68	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56703.29315	0.0002	I	-0.0015	CCD+V	57/10	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56703.29361	0.0001	I	-0.0011	CCD+R	54/11	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56709.26421	0.0003	I	-0.0022	CCD+R	79/22	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56709.26449	0.0005	I	-0.0019	CCD+V	65/19	Šmelcer L.	Celestron 355/2460 + CCD G2 1600

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56709.35722	0.0007	II	-0.0052	CCD+V	65/58	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56709.35882	0.0005	II	-0.0036	CCD+R	79/73	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56712.24857	0.0004	II	-0.0033	CCD+V	158/25	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56712.34635	0.0003	I	-0.0022	CCD+V	158/127	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56714.27370	0.0004	I	-0.0012	CCD+V	32/22	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56718.31937	0.0003	I	-0.0009	CCD+V	58/39	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56718.31943	0.0001	I	-0.0008	CCD+R	59/42	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56719.28220	0.0005	I	-0.0012	CCD+V	35/14	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56719.28297	0.0003	I	-0.0005	CCD+R	29/13	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56721.30225	0.0007	II	-0.0036	CCD+V	50/40	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56721.30440	0.0006	II	-0.0014	CCD+R	59/46	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56726.31174	0.0004	II	-0.0026	CCD+V	44/36	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56726.31282	0.0004	II	-0.0015	CCD+R	50/43	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
			show all				
RV Tri							
56566.51227	0.0002	I	-0.0052	CCD+R	165/104	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56566.51228	0.0002	I	-0.0052	CCD+I	164/99	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
			show all				
DK Tuc							
56586.66415	0.0061	I	+0.0019	DSLR	104/32	Benáček J.	Canon 600D
AA UMa							
56725.38916	0.0001	I	+0.0010	CCD+R	47/25	Poddaný S.	Meade LX 200 40,6 cm, SBIG ST10XME
56725.38923	0.0001	I	+0.0011	CCD+V	49/26	Poddaný S.	Meade LX 200 40,6 cm, SBIG ST10XME
56725.38944	0.0001	I	+0.0013	CCD+I	45/25	Poddaný S.	Meade LX 200 40,6 cm, SBIG ST10XME
			show all				
BH UMa							
56799.45848	0.0006	I	+0.0729	CCD+Clear	399/265	Urbaník M.	ED 80/600,0.5x Reductor, G1 0300
DW UMa							
56692.52060	0.0002	I	-0.0001	CCD+R	193/33	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56692.65670	0.0001	I	-0.0006	CCD+R	193/140	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56718.47584	0.0002	I	-0.0001	CCD+R	112/79	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
			show all				
EQ UMa							
56683.70529	0.0010	II	-0.1293	CCD+R	162/116	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
56754.43967	0.0006	I	-0.1282	CCD+I	225/162	Mazanec J.	N400, G2 402
56754.44086	0.0006	I	-0.1270	CCD+Clear	227/164	Mazanec J.	N400, G2 402
56754.44106	0.0003	I	-0.1268	CCD+R	246/163	Mazanec J.	N400, G2 402
			show all				

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HX UMa

56703.40990	0.0006	I	-0.0022	CCD+V	91/55	Benáček J.	Newton 400 mm, G2-0402
56703.41000	0.0006	I	-0.0021	CCD+R	90/54	Benáček J.	Newton 400 mm, G2-0402
56703.41065	0.0005	I	-0.0014	CCD+I	97/60	Benáček J.	Newton 400 mm, G2-0402

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IW UMa

56718.60281	0.0009	II	-0.0014	CCD+R	263/204	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
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KM UMa

56666.57881	0.0001	I	-0.0123	CCD+R	22/8	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56666.57903	0.0005	I	-0.0121	CCD+I	29/7	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56666.57951	0.0003	I	-0.0116	CCD+V	29/10	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56666.57989	0.0006	I	-0.0112	CCD+B	25/7	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56717.41472	0.0006	II	-0.0204	CCD+R	42/15	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56717.41780	0.0010	II	-0.0173	CCD+B	49/19	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56717.41860	0.0008	II	-0.0165	CCD+I	49/20	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56717.41873	0.0010	II	-0.0163	CCD+V	46/16	Lehký M.	0.40-m f/5 + CCD G2-1600 + BVRI
56745.39754	0.0002	I	-0.0104	DSLR	352/250	Walter F.	RF Comet finder 20/137, Canon 350 D

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LP UMa

56692.58667	0.0005	I	+0.0304	CCD+R	193/90	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R
56718.46133	0.0008	II	+0.0285	CCD+R	116/72	Lehký M.	EQ6 + 0.25-m f/4 + CCD ST7 + R

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NSVS 02502726 UMa

56747.30090	0.0001	I	-----	CCD+I	207/13	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56747.30131	0.0001	I	-----	CCD+R	202/16	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56747.58000	0.0002	II	-----	CCD+R	202/186	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56747.58037	0.0002	II	-----	CCD+I	207/186	Šmelcer L.	Celestron 355/2460 + CCD G2 1600

NSVS 697648 UMa

56729.33738	0.0005	I	-----	CCD+V	43/20	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56729.33579	0.0004	I	-----	CCD+R	42/17	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56729.33792	0.0004	I	-----	CCD+I	41/17	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300

OT UMa

56729.35120	0.0003	I	-0.0684	CCD+R	43/23	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56729.35145	0.0003	I	-0.0681	CCD+I	41/22	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300
56729.35190	0.0003	I	-0.0677	CCD+V	43/24	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300

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QQ UMa

56730.41180	0.0003	I	+0.0489	CCD+R	317/195	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)
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QT UMa								
56728.35996	0.0002	II	+0.0011	CCD+V	22/7	Corfini G.	GSO 200/800	SBIG STT1603ME
56728.36017	0.0001	II	+0.0013	CCD+V	22/7	Corfini G.	GSO 200/800	CCD-UA1
			show all					
TY UMa								
56737.35745	0.0001	I	+0.0172	CCD+V	44/23	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300	
56737.35763	0.0001	I	+0.0174	CCD+I	43/24	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300	
56737.35775	0.0001	I	+0.0175	CCD+R	44/24	Vrašťák M.	0,24m f/5 RL+CCD G2-1600, pointer 80/400+G1-300	
			show all					
UX UMa								
56794.31985	0.0001	I	-0.0033	CCD+Clear	184/88	Öğmen Y.	14"LX200R + SBIG ST-8XME	
V0337 UMa								
56712.37414	0.0001	II	+0.0043	CCD+R	62/35	Benáček J.	Newton 400 mm, G2-0402	
56726.36792	0.0003	I	+0.0050	CCD+R	270/142	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)	
			show all					
V0356 UMa								
56719.53106	0.0007	I	-0.0066	CCD+R	200/155	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)	
V0358 UMa								
56727.52201	0.0005	I	-0.0186	CCD+R	292/84	Hanžl D.	0.2-m RL + CCD G2 8300 (DATEL telescope)	
AS Vel								
56594.83421	0.0013	I	-0.0069	CCD+R	43/33	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000	
FO Vir								
56745.57461	0.0016	I	-0.0254	CCD+Clear	125/39	Hladík B.	RF 200/8, ATIK 320E, CG-4	
GSC 00330-01394 Vir								
56726.66121	0.0003	I	+0.0148	CCD+Clear	70/58	Mašek M.	N150/600mm + CCD Meade DSI	
GR Vir								
56805.54039	0.0004	I	+0.0110	CCD+I	44/23	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000	
56805.54088	0.0005	I	+0.0115	CCD+B	45/22	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000	
56805.54102	0.0003	I	+0.0116	CCD+R	40/17	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000	
56805.54295	0.0004	I	+0.0136	CCD+V	22/13	M. Mašek, K. Hoňková, J. Juryšek	FRAM, Nikkor 300mm + G4-16000	
			show all					
HW Vir								
56718.53218	0.0000	I	-0.0004	CCD+R	118/58	Šmelcer L.	Celestron 355/2460 + CCD G2 1600	

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56718.53225	0.0000	I	-0.0003	CCD+V	94/42	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56718.59042	0.0001	II	-0.0001	CCD+R	118/113	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56718.59054	0.0005	II	-0.0000	CCD+V	94/88	Šmelcer L.	Celestron 355/2460 + CCD G2 1600
56723.55118	0.0000	I	-0.0003	CCD+Clear	137/92	Mašek M.	N150/600mm + CCD Meade DSI
			show all				
IK Vir							
56725.53700	0.0002	I	-0.0058	CCD+Clear	80/41	Mašek M.	N150/600mm + CCD Meade DSI
NSVS 10441882 Vir							
56832.41989	0.0002	II	-----	CCD+R	71/36	Šmelcer L.	Newton 254/1200 + CCD G2 402
56846.36977	0.0001	II	-----	CCD+R	109/49	Šmelcer L.	Newton 254/1200 + CCD G2 402
BK Vul							
56579.27929	0.0004	I	-0.0121	CCD+V	31/23	Šmelcer L.	Newton 254/1200 + CCD G2 402
BO Vul							
56588.36515	0.0001	I	-0.0045	CCD+V	57/22	Šmelcer L.	Celestron 280/1765 + CCD ST7
56588.36521	0.0001	I	-0.0045	CCD+R	60/25	Šmelcer L.	Celestron 280/1765 + CCD ST7
56629.22860	0.0001	I	-0.0043	CCD+V	134/39	Šmelcer L.	Newton 254/1200 + CCD G2 402
56629.22865	0.0001	I	-0.0043	CCD+R	122/40	Šmelcer L.	Newton 254/1200 + CCD G2 402
			show all				
BU Vul							
56563.41313	0.0004	II	+0.0032	CCD+R	114/58	Šmelcer L.	Newton 254/1200 + CCD G2 402
56563.41647	0.0004	II	+0.0066	CCD+V	108/60	Šmelcer L.	Newton 254/1200 + CCD G2 402
56565.39681	0.0001	I	-0.0051	DSLR	270/125	Walter F.	RF Comet finder 20/137, Canon 350 D
56569.37966	0.0001	I	-0.0052	CCD+R	243/171	Šmelcer L.	Newton 254/1200 + CCD G2 402
56878.33922	0.0002	I	-0.0091	DSLR	76/31	Walter F.	RF Comet finder 20/137, Canon 350 D
			show all				
GP Vul							
56887.45672	0.0004	II	-0.0053	CCD+R	93/16	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56887.45710	0.0003	II	-0.0049	CCD+V	85/18	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56887.45840	0.0004	II	-0.0036	CCD+Clear	82/17	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
			show all				
IM Vul							
56855.45542	0.0003	I	+0.0162	CCD+I	76/40	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56855.45625	0.0003	I	+0.0171	CCD+R	80/46	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56855.45631	0.0003	I	+0.0171	CCD+V	77/42	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
56855.45687	0.0002	I	+0.0177	CCD+Clear	77/44	Šmelcer L.	Celestron 280/1765 + CCD G2 4000
			show all				

Section 2**Table 2 – List of observers and corresponding amount of obtained times of minima**

#	Observer(s) name(s)	Minima times total
1	Lehký M.	482
2	Šmelcer L.	438
3	Mašek M., Honková K., Juryšek J.	159
4	Mazanec J.	90
5	Hanžl D.	76
6	Urbaník M.	37
7	Magris M.	31
8	Vrašťák M.	29
9	Walter F.	23
10	Mašek M.	19
11	Hladík B.	13
12	Medulka T.	11
13	Bílek F.	10
14	Trnka J.	9
15	Jacobsen J.	8
16	Benáček J.	7
17	Kucht'ák B.	6
18	Audejean M.	4
19	Öğmen Y.	4
20	Zíbar M.	4
22	Fatka P.	3
23	Marchi F.	3
24	Poddaný S.	3
25	Quiñones C., Tapia L.	3
26	Scaggiante F., Zardin D.	3
27	Corfini G.	2
28	Lehký M., Hajek P.	2
29	Lomoz F.	2
30	Mravik J., Grnja J.	2
31	Campos F.	1
32	Čaloud J.	1
33	Esseiva N.	1
34	Hájek P., Lehký M.	1
35	Jakš S., Horník M.	1
36	Mašek M., Filip, J.	1
37	Mašek M., Uhlář R.	1
38	Mina, F., Artola, R., Zalazar, J.	1
39	Müller D., Walter F.	1
40	Pintr P.	1
41	Walter F., Divišová L.	1

Table 3 - List of stars without GCVS designation

Star	Const.	Coordinates (RA DEC)
ASAS J030827-1609.1	Eri	03 08 27 -16 09 06
ASAS J054134-6044.1	Pic	05 41 34 -60 44 06
ASAS J102420-1833.4	Hya	10 24 20 -18 33 24
ASAS J102528-1911.0	Hya	10 25 28 -19 11 00
ASAS J102612-2000.7	Hya	10 26 12 -20 00 42
ASAS J105115-6032.1	Car	10 51 15 -60 32 06
ASAS J114951-6101.1	Cen	11 49 51 -61 01 06
ASAS J115108-6355.1	Cen	11 51 08 -63 55 06
ASAS J175135-0622.4	Oph	17 51 35 -06 22 24
ASAS J204836-4609.7	Ind	20 48 36 -46 09 42
CzeV161	Lac	22 27 04 +44 45 59
CzeV242	Lyn	08 24 46 +40 31 32
CzeV267	And	02 04 28 +46 46 58
CzeV475	Lac	22 25 02 +53 57 15
CzeV507	Pup	08 26 56 -39 02 36
GJ 3236	Cas	03 37 14 +69 10 50
GSC 00330-01394	Vir	14 56 16 +04 02 24
GSC 01965-00735	Leo	09 36 31 +28 20 23
GSC 02016-00444	Boo	14 47 25 +22 50 11
GSC 02594-00971	Her	17 04 20 +33 12 50
GSC 03557-01334	Cyg	19 49 08 +46 07 05
GSC 04833-1209	Mon	07 56 48 -00 39 60
GSC 07875-00125	Sco	16 47 51 -41 58 42
GSC 08976-03898	Cen	11 42 01 -62 33 16
GSC 08977-00474	Cen	11 47 36 -63 10 26
GSC 08977-01661	Cen	11 51 54 -62 39 54
NSVS 01031772	Cam	13 45 34 +79 23 48
NSVS 01286630	Dra	18 47 09 +78 42 34
NSVS 02502726	UMa	08 44 11 +54 23 47
NSVS 10123419	Cnc	08 42 06 +21 26 12
NSVS 10441882	Vir	13 30 25 +13 49 32
NSVS 10653195	Ser	16 07 28 +12 13 58
NSVS 1622436	Cas	00 24 16 +60 34 54
NSVS 1750812	Per	01 34 57 +54 16 35
NSVS 2690221	Dra	13 07 21 +65 06 45
NSVS 697648	UMa	08 17 38 +66 14 12
ROTSE1 J170438.01+330348.3	Her	17 04 38 +33 03 48
ROTSE1 J173413.59+440118.5	Her	17 34 14 +44 01 19
SvkV020	And	00 36 35 +42 18 19
USNO-B1.0 1135-0102876	Gem	06 11 56 +23 30 30
USNO-B1.0 1197-0128756	Aur	06 31 09 +29 45 19
VSX J062606.6+275559	Aur	06 26 06 +27 55 59
VSX J201516.1+645805	Dra	20 15 16 +64 58 06

Table 4 – List of DSLR observers

Observer name	Minima times totals
F. Walter	19
T. Medulka	11
M. Mašek	5
J. Benáček	3
F. Walter, D. Müller	1
F. Walter, L. Divišová	1
S. Jakš, M. Horník	1
P. Pintr	1

Notes on individual stars

A list of variable stars from the CzeV and SvkV catalogue.

There is a list of stars with known and previously published light elements, which have been discovered by the Czech and Slovak observers. New minima of these stars are presented in Table 1.

CzeV267 And

An EW type eclipsing binary at coordinates RA (2000) = 02 04 28.76, DEC (2000) = +46 46 58.8, 15.8 - 16.5 mag (Clear), $M = 2455806.5350 + 0.2954 * E$ (J. Trnka, VSX).

SvkV020 And

An EA/RS type eclipsing binary at coordinates RA (2000) = 00 36 35.70, DEC (2000) = +42 18 19.0, 11.5 – 11.8 mag, $M = 2455473.839 + 1.18552 * E$ (M. Vrašťák, 2011).

CzeV161 Lac

An EW type eclipsing binary at coordinates RA (2000) = 22 27 04.28, DEC (2000) = +44 45 59.7, 14.84 – 15.38 mag, $M = 2455068.50679 + 0.2576355 * E$ (M. Lehký, 2009).

CzeV242 Lyn

An EW type eclipsing binary at coordinates RA (2000) = 08 24 45.87, DEC (2000) +40 31 31.8 discovered by L. Šmelcer in 2011. The light elements $M = 2454500.51600 + 0.298226 * E$ were described by A. V. Khruslov (Khruslov, 2013).

CzeV507 Pup

An EA type eclipsing binary at coordinates RA (2000) = 08 26 55.60, DEC (2000) = -39 02 36.2, 13.00 – 14.05 (V) mag, $M = 2456650.66450 + 0.746804 * E$ (M. Mašek, K. Hoňková, J. Juryšek, VSX).

A list of selected interesting stars

GJ 3236 Cas

In the Fig. 1, there is a light curve of interesting eclipsing eruptive star GJ 3236 Cas. L. Šmelcer has captured brightening just before the minimum. There are 27 times of minima of this star in the Table 1.

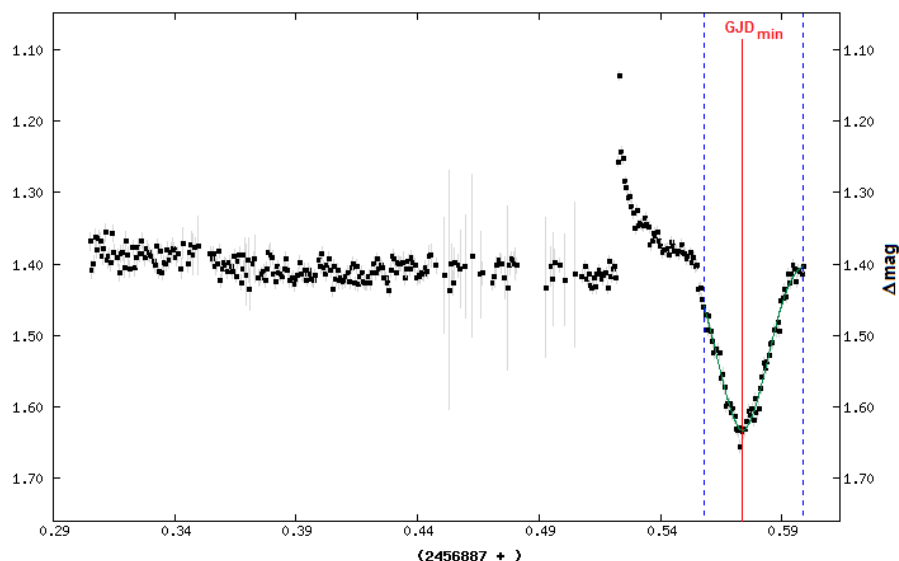


Figure 1. Light curve with eruption and eclipse of GJ 3236 Cas (L. Šmelcer).

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