



A LIST OF MINIMA AND MAXIMA TIMINGS

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Abstract: The list contains 299 timings of minima of eclipsing and maxima of pulsating stars. It continues the list published in BAVJ 0055 (Paschke 2021).

Instruments used

The following telescopes and observatories have been used:

50mm+G1 = 50/135 mm teleobjective, G1 camera, Rueti-Tann, Switzerland, remote

50mm+G2 = 50/135 mm teleobjective, G2 camera, Cabeça Fundao , Cabo Verde, remote

50mm+ST7 = 50/135 mm teleobjective, SBIG ST-7 camera, Carona TI, Switzerland, remote

20cm+ST8 = 20 cm Newton, SBIG ST-8, Brussel, Belgium

The Santa Barbara instruments Group ST7 camera uses a KAF-400 chip.

The Santa Barbara instruments Group ST8 camera uses a KAF-1600 chip.

The Moravian instruments G1-300 camera uses a Sony ICX 424AL chip.

The Moravian instruments G2-402 camera uses a KAF-402 chip.

The Moravian instruments G2-1600 camera uses a KAF-1600 chip.

Maxima and minima times

The CCD images have been processed by C-Munipack V1.0 written by David Motl.

Minimum timings observed by Paschke were estimated by fitting goniometric polynomials up to order 3 to the data. Other observers used their own methods. Table 1 shows maxima and minima of observed stars. The first column gives stellar identification. GSC 1.2 identifications are abbreviated.

The second column is the constellation. The third column (kind) gives the kind of extremum:

p = primary, s = secondary, P = minimum of a pulsating star, R = maximum. The fourth column gives Julian heliocentric date of the minima. It is based on UTC, leap seconds included. Column 'Filter' gives information about the passband in which measurements were taken (ccd= unfiltered CCD, B = Johnson blue, V = Johnson visual, G = green, R = Cousin red, I Cousin Infrared).

Column 'Error' gives the uncertainty of minima and maxima times. N is the number of measurements (CCD images) used. Finally, the instruments used (see s. 1) and the name of the observer.

Table 1: Maxima and minima of observed stars

ID	Const	kind	HJD	Filter	Error	N	Instrument	Observer
AA	And	p	2459647.6702	V	0.0009	103	20cm+ST8	Dufoer Sjoerd
BX	And	p	2459416.5223	V	0.0002	160	20cm+ST8	Dufoer Sjoerd
CN	And	p	2459417.4372	V	0.0003	131	20cm+ST8	Dufoer Sjoerd
QX	And	p	2459437.5045	V	0.0015	96	20cm+ST8	Dufoer Sjoerd
V0372	And	p	2459515.5190	ccd	0.0100	131	50mm+ST7	Paschke Anton
V0566	And	p	2459480.3484	V	0.0003	160	20cm+ST8	Dufoer Sjoerd
V0736	And	p	2459441.4076	V	0.0004	115	20cm+ST8	Dufoer Sjoerd
V0798	And	s	2459460.3687	V	0.0015	125	20cm+ST8	Dufoer Sjoerd
V0813	And	p	2459446.5860	ccd	0.0200	34	50mm+ST7	Paschke Anton
V0813	And	p	2459447.4170	ccd	0.0100	72	50mm+ST7	Paschke Anton
V0813	And	s	2459488.3430	ccd	0.0200	74	50mm+ST7	Paschke Anton
V0814	And	p	2459487.380	ccd	0.0050	62	50mm+ST7	Paschke Anton
Y	Ant	p	2459667.4940	ccd	0.0070	219	50mm+G2	Paschke Anton
XY	Ant	p	2459661.5460	ccd	0.0080	198	50mm+G2	Paschke Anton
DV	Aqr	p	2459432.5450	ccd	0.0100	100	50mm+ST7	Paschke Anton
DV	Aqr	p	2459440.4100	ccd	0.0100	133	50mm+ST7	Paschke Anton
HV	Aqr	p	2459437.3858	V	0.0010	96	20cm+ST8	Dufoer Sjoerd
V0889	Aql	p	2459438.5000	ccd	0.0040	150	50mm+ST7	Paschke Anton
V1426	Aql	s	2459450.4120	ccd	0.0100	76	50mm+ST7	Paschke Anton
V1450	Aql	p	2459415.4470	V	0.0100	92	50mm+ST7	Paschke Anton
V1454	Aql	p	2459444.4310	ccd	0.0050	72	50mm+ST7	Paschke Anton
V1461	Aql	p	2459401.4410	ccd	0.0150	51	50mm+ST7	Paschke Anton
V1700	Aql	p	2459441.4560	ccd	0.0080	86	50mm+ST7	Paschke Anton
V1808	Aql	s	2459414.4270	ccd	0.0080	66	50mm+ST7	Paschke Anton
V1808	Aql	p	2459494.3130	ccd	0.0050	57	50mm+ST7	Paschke Anton
V1825	Aql	s	2459407.5040	ccd	0.0060	109	50mm+G2	Paschke Anton
V1825	Aql	p	2459425.4120	ccd	0.0100	62	50mm+ST7	Paschke Anton
V1928	Aql	p	2459515.2910	ccd	0.0080	59	50mm+ST7	Paschke Anton
AG	Ari	p	2459450.5197	V	0.0022	125	20cm+ST8	Dufoer Sjoerd
BM	Ari	p	2459541.2778	V	0.0002	156	20cm+ST8	Dufoer Sjoerd
BN	Ari	p	2459413.5277	V	0.0001	127	20cm+ST8	Dufoer Sjoerd
CX	Ari	p	2459440.5826	V	0.0003	78	20cm+ST8	Dufoer Sjoerd
CX	Ari	p	2459545.4250	ccd	0.0080	212	50mm+G2	Paschke Anton
HL	Aur	p	2459451.4779	V	0.0005	126	20cm+ST8	Dufoer Sjoerd
IM	Aur	p	2459450.6034	V	0.0001	150	20cm+ST8	Dufoer Sjoerd
V0402	Aur	p	2459524.3872	V	0.0024	205	20cm+ST8	Dufoer Sjoerd
V0828	Aur	p	2459440.4995	V	0.0003	104	20cm+ST8	Dufoer Sjoerd
V0830	Aur	p	2459536.3104	V	0.0004	204	20cm+ST8	Dufoer Sjoerd
V0845	Aur	p	2459466.6244	V	0.0004	176	20cm+ST8	Dufoer Sjoerd
RS	Boo	R	2459697.4610	ccd	0.0050	56	50mm+G2	Paschke Anton
TZ	Boo	p	2459635.4652	V	0.0004	116	20cm+ST8	Dufoer Sjoerd
XX	Boo	R	2459703.6040	ccd	0.0070	66	50mm+G2	Paschke Anton
AC	Boo	p	2459516.7219	V	0.0008	69	20cm+ST8	Dufoer Sjoerd

AC	Boo	p	2459622.4550	V	0.0001	150	20cm+ST8	Dufoer Sjoerd
CV	Boo	p	2459647.4924	V	0.0001	125	20cm+ST8	Dufoer Sjoerd
EL	Boo	p	2459397.4330	ccd	0.0150	61	50mm+ST7	Paschke Anton
ET	Boo	p	2459570.6224	V	0.0004	138	20cm+ST8	Dufoer Sjoerd
GK	Boo	p	2459271.6550	V	0.0008	120	G2-1600	Auer Reinhold
GK	Boo	s	2459346.4255	V	0.0007	118	G2-1600	Auer Reinhold
GN	Boo	p	2459540.7147	V	0.0003	78	20cm+ST8	Dufoer Sjoerd
GN	Boo	s	2459703.4190	ccd	0.0020	42	50mm+G2	Paschke Anton
GN	Boo	p	2459703.5680	ccd	0.0020	43	50mm+G2	Paschke Anton
GS	Boo	p	2459637.4370	V	0.0004	109	20cm+ST8	Dufoer Sjoerd
MR	Boo	p	2459416.4250	ccd	0.0200	139	50mm+G2	Paschke Anton
PU	Boo	p	2459661.3894	V	0.0006	87	20cm+ST8	Dufoer Sjoerd
QT	Boo	p	2459642.3919	V	0.0083	245	20cm+ST8	Dufoer Sjoerd
V0382	Boo	p	2459645.5094	V	0.0007	141	20cm+ST8	Dufoer Sjoerd
G2022.00940	Boo	s	2459703.5020	ccd	0.0100	179	50mm+G2	Paschke Anton
UU	Cam	p	2459658.5979	V	0.0020	155	20cm+G2-1600	Auer Reinhold
UU	Cam	p	2459661.3270	V	0.0020	142	20cm+G2-1600	Auer Reinhold
AO	Cam	p	2459480.4727	V	0.0001	167	20cm+ST8	Dufoer Sjoerd
RZ	Cnc	s	2459640.5700	ccd	0.0100	441	50mm+ST7	Paschke Anton
VZ	Cnc	R	2459661.4040	ccd	0.0013	62	50mm+ST7	Paschke Anton
WX	Cnc	p	2459503.5398	V	0.0003	103	20cm+ST8	Dufoer Sjoerd
WX	Cnc	p	2459622.3185	V	0.0003	109	20cm+ST8	Dufoer Sjoerd
XZ	Cnc	p	2459541.5449	V	0.0003	168	20cm+ST8	Dufoer Sjoerd
XZ	Cnc	p	2459589.4237	V	0.0003	150	20cm+ST8	Dufoer Sjoerd
YY	Cnc	p	2459495.6397	V	0.0018	126	20cm+ST8	Dufoer Sjoerd
NQ	Cnc	p	2459685.4550	ccd	0.0100	110	50mm+G2	Paschke Anton
NV	Cnc	p	2459540.5029	V	0.0005	131	20cm+ST8	Dufoer Sjoerd
G1940.00414	Cnc	R	2459685.4000	ccd	0.0020	30	50mm+G2	Paschke Anton
G1940.00414	Cnc	R	2459685.4600	ccd	0.0020	30	50mm+G2	Paschke Anton
BI	CVn	p	2459527.6768	V	0.0003	133	20cm+ST8	Dufoer Sjoerd
BI	CVn	p	2459604.5132	V	0.0003	127	20cm+ST8	Dufoer Sjoerd
FU	CVn	p	2459541.6550	V	0.0010	145	20cm+ST8	Dufoer Sjoerd
TU	CMa	p	2459654.4280	ccd	0.0020	130	50mm+G2	Paschke Anton
TX	CMa	p	2459622.4590	ccd	0.0080	64	50mm+G2	Paschke Anton
FZ	CMa	s	2459644.4600	ccd	0.0050	302	50mm+G2	Paschke Anton
IS	CMa	p	2459655.4460	ccd	0.0050	468	50mm+G2	Paschke Anton
V0416	CMa	p	2459571.6300	ccd	0.0030	425	50mm+G2	Paschke Anton
XZ	CMi	p	2459641.4200	ccd	0.0030	85	50mm+G2	Paschke Anton
AC	CMi	p	2459496.6565	V	0.0006	102	20cm+ST8	Dufoer Sjoerd
AM	CMi	p	2459642.4210	ccd	0.0100	68	50mm+ST7	Paschke Anton
CZ	CMi	p	2459659.3465	ccd	0.0005	287	180mm+HC183	Glaisen Robert
CZ	CMi	s	2459660.4132	ccd	0.0005	319	180mm+HC183	Glaisen Robert
G0180.01583	CMi	s	2459645.4860	ccd	0.0070	199	50mm+G2	Paschke Anton
CW	Cas	p	2459415.4078	V	0.0004	94	20cm+ST8	Dufoer Sjoerd
V0523	Cas	p	2459465.3674	V	0.0001	125	20cm+ST8	Dufoer Sjoerd
V0779	Cas	p	2459501.4140	ccd	0.0080	125	50mm+ST7	Paschke Anton
V1392	Cen	s	2459356.4960	ccd	0.0090	323	50mm+G2	Paschke Anton
V1392	Cen	p	2459410.4090	ccd	0.0100	62	50mm+G2	Paschke Anton

RZ	Cep	r	2459516.5350	ccd	0.0100	108	50mm+ST7	Paschke Anton
V0428	Cep	p	2459438.5000	ccd	0.0050	436	50mm+ST7	Paschke Anton
V0441	Cep	p	2459475.3530	ccd	0.0060	51	50mm+ST7	Paschke Anton
V0738	Cep	p	2459646.6775	V	0.0006	115	20cm+ST8	Dufoer Sjoerd
V1055	Cep	p	2459435.4240	ccd	0.0100	92	50mm+ST7	Paschke Anton
V1055	Cep	p	2459459.3510	ccd	0.0100	60	50mm+ST7	Paschke Anton
V1055	Cep	p	2459470.4350	ccd	0.0050	61	50mm+ST7	Paschke Anton
V1055	Cep	p	2459471.6050	ccd	0.0070	40	50mm+ST7	Paschke Anton
V1106	Cep	p	2459494.5430	ccd	0.0080	54	50mm+ST7	Paschke Anton
G4602.00941	Cep	p	2459502.3230	ccd	0.0050	87	50mm+ST7	Paschke Anton
TW	Cet	p	2459555.4290	ccd	0.0020	73	50mm+G2	Paschke Anton
TW	Cet	s	2459555.5870	ccd	0.0020	61	50mm+G2	Paschke Anton
VV	Cet	p	2459554.4060	ccd	0.0090	75	50mm+G2	Paschke Anton
EE	Cet	p	2459465.4977	V	0.0009	155	20cm+ST8	Dufoer Sjoerd
EV	Cet	s	2459556.4600	ccd	0.0080	207	50mm+G2	Paschke Anton
EV	Cet	s	2459571.4540	ccd	0.0080	182	50mm+G2	Paschke Anton
HY	Cet	p	2459572.4180	ccd	0.0050	183	50mm+G2	Paschke Anton
KO	Cet	p	2459515.3678	V	0.0021	116	20cm+ST8	Dufoer Sjoerd
KO	Cet	p	2459544.4360	ccd	0.0050	230	50mm+G2	Paschke Anton
LM	Cet	p	2459570.5510	ccd	0.0080	96	50mm+G2	Paschke Anton
LW	Cet	p	2459547.4130	ccd	0.0100	122	50mm+G2	Paschke Anton
LW	Cet	s	2459547.5850	ccd	0.0100	122	50mm+G2	Paschke Anton
LW	Cet	p	2459548.440	ccd	0.0070	163	50mm+G2	Paschke Anton
LW	Cet	s	2459548.6120	ccd	0.0060	109	50mm+G2	Paschke Anton
G4686.02061	Cet	s	2459552.4410	ccd	0.0050	352	50mm+G2	Paschke Anton
RW	Com	p	2459528.7144	V	0.0002	78	20cm+ST8	Dufoer Sjoerd
RW	Com	p	2459647.3780	V	0.0002	168	20cm+ST8	Dufoer Sjoerd
YY	CrB	p	2459419.4060	ccd	0.0030	48	50mm+ST7	Paschke Anton
BR	CrB	p	2459411.4710	ccd	0.0066	287	50mm+G2	Paschke Anton
RV	Crv	p	2459672.4550	ccd	0.0030	152	50mm+G2	Paschke Anton
SX	Crv	p	2459694.4340	ccd	0.0050	117	50mm+G2	Paschke Anton
SX	Crv	s	2459694.5950	ccd	0.0050	112	50mm+G2	Paschke Anton
V	Crt	p	2459687.4750	ccd	0.0070	166	50mm+G2	Paschke Anton
RV	Crt	p	2459678.5390	ccd	0.0020	75	50mm+G2	Paschke Anton
BD	Crt	p	2459679.4690	ccd	0.0030	80	50mm+G2	Paschke Anton
G4920.01092	Crt	p	2459680.4960	ccd	0.0050	120	50mm+G2	Paschke Anton
G5501.00909	Crt	s	2459701.4340	ccd	0.0020	165	50mm+G2	Paschke Anton
G6089.01439	Crt	p	2459681.4350	ccd	0.0080	166	50mm+G2	Paschke Anton
WZ	Cyg	p	2459633.6663	V	0.0001	144	20cm+ST8	Dufoer Sjoerd
V0841	Cyg	p	2459645.6942	V	0.0005	97	20cm+ST8	Dufoer Sjoerd
V1918	Cyg	p	2459646.5765	V	0.0002	146	20cm+ST8	Dufoer Sjoerd
V2477	Cyg	p	2459638.5643	V	0.0002	311	20cm+ST8	Dufoer Sjoerd
V2896	Cyg	p	2459637.6745	V	0.0010	185	20cm+ST8	Dufoer Sjoerd
V2896	Cyg	p	2459649.6162	V	0.0007	251	20cm+ST8	Dufoer Sjoerd
FZ	Del	p	2459413.4291	V	0.0001	104	20cm+ST8	Dufoer Sjoerd
MZ	Del	p	2459437.4550	ccd	0.0070	225	50mm+ST7	Paschke Anton
BV	Dra	p	2459636.4474	V	0.0002	235	20cm+ST8	Dufoer Sjoerd
GM	Dra	p	2459646.4470	V	0.0006	163	20cm+ST8	Dufoer Sjoerd

GQ	Dra	p	2459604.6219	V	0.0005	118	20cm+ST8	Dufoer Sjoerd
GQ	Dra	p	2459637.5521	V	0.0007	192	20cm+ST8	Dufoer Sjoerd
V0349	Dra	p	2459589.5479	V	0.0004	173	20cm+ST8	Dufoer Sjoerd
V0471	Dra	p	2459638.4567	V	0.0011	133	20cm+ST8	Dufoer Sjoerd
WW	Gem	p	2459495.5475	V	0.0004	140	20cm+ST8	Dufoer Sjoerd
GW	Gem	p	2459497.5420	V	0.0002	139	20cm+ST8	Dufoer Sjoerd
GW	Gem	p	2459528.5029	V	0.0001	120	20cm+ST8	Dufoer Sjoerd
V0437	Gem	p	2459524.4832	V	0.0001	131	20cm+ST8	Dufoer Sjoerd
V0486	Gem	p	2459572.6840	ccd	0.0030	190	50mm+G2	Paschke Anton
V0496	Gem	p	2459589.2726	V	0.0008	151	20cm+ST8	Dufoer Sjoerd
V0842	Her	p	2459633.4612	V	0.0002	189	20cm+ST8	Dufoer Sjoerd
V0899	Her	p	2459648.4685	V	0.0012	180	20cm+ST8	Dufoer Sjoerd
V1073	Her	p	2459633.5676	V	0.0002	118	20cm+ST8	Dufoer Sjoerd
V1100	Her	p	2459635.6096	V	0.0003	146	20cm+ST8	Dufoer Sjoerd
V1173	Her	p	2459417.4090	ccd	0.0080	118	50mm+G2	Paschke Anton
V1187	Her	p	2459622.5757	V	0.0009	149	20cm+ST8	Dufoer Sjoerd
V1187	Her	p	2459636.5568	V	0.0005	144	20cm+ST8	Dufoer Sjoerd
V1198	Her	p	2459661.5482	V	0.0018	170	20cm+ST8	Dufoer Sjoerd
V1321	Her	p	2459570.7340	V	0.0006	121	20cm+ST8	Dufoer Sjoerd
FG	Hya	s	2459668.4190	ccd	0.0040	110	50mm+G2	Paschke Anton
FO	Hya	p	2459660.4970	ccd	0.0050	70	50mm+G2	Paschke Anton
LL	Hya	p	2459696.4860	ccd	0.0200	25	50mm+G2	Paschke Anton
LO	Hya	s	2459647.5010	ccd	0.0080	170	50mm+G2	Paschke Anton
V0409	Hya	p	2459540.6032	V	0.0007	154	20cm+ST8	Dufoer Sjoerd
SW	Lac	p	2459504.3720	ccd	0.0030	55	50mm+ST7	Paschke Anton
SW	Lac	s	2459504.5300	ccd	0.0030	44	50mm+ST7	Paschke Anton
V0364	Lac	p	2459504.4320	ccd	0.0080	150	50mm+ST7	Paschke Anton
G3200.01872	Lac	p	2459405.4950	ccd	0.0070	86	50mm+ST7	Paschke Anton
G3200.01872	Lac	s	2459416.4540	ccd	0.0070	111	50mm+ST7	Paschke Anton
AM	Leo	p	2459646.3652	V	0.0003	185	20cm+ST8	Dufoer Sjoerd
AX	Leo	R	2459674.5180	ccd	0.0070	199	50mm+G2	Paschke Anton
BU	Leo	R	2459570.4760	ccd	0.0100	319	50mm+G2	Paschke Anton
GW	Leo	p	2459688.3758	ccd	0.0030	147	18cm+HC183	Glaisen Robert
MO	Leo	p	2459528.6075	V	0.0004	120	20cm+ST8	Dufoer Sjoerd
MW	Leo	p	2459515.6833	V	0.0002	96	20cm+ST8	Dufoer Sjoerd
NT	Leo	p	2459662.4650	ccd	0.0100	155	50mm+G2	Paschke Anton
NT	Leo	p	2459670.4840	ccd	0.0100	218	50mm+G2	Paschke Anton
QZ	Leo	p	2459645.3547	V	0.0004	76	20cm+ST8	Dufoer Sjoerd
V0347	Leo	p	2459674.4190	ccd	0.0070	119	50mm+G2	Paschke Anton
G4922.00195	Leo	p	2459673.5210	ccd	0.0040	228	50mm+G2	Paschke Anton
XY	LMi	p	2459676.4300	ccd	0.0050	123	50mm+G2	Paschke Anton
ES	Lib	s	2459404.4710	ccd	0.0100	236	50mm+G2	Paschke Anton
RR	Lyn	p	2459647.5330	ccd	0.0050	200	50mm+ST7	Paschke Anton
DZ	Lyn	p	2459496.5452	V	0.0005	167	20cm+ST8	Dufoer Sjoerd
FI	Lyn	p	2459604.2826	V	0.0002	146	20cm+ST8	Dufoer Sjoerd
FP	Lyn	p	2459515.6064	V	0.0006	119	20cm+ST8	Dufoer Sjoerd
MO	Lyn	s	2459451.5882	V	0.0021	134	20cm+ST8	Dufoer Sjoerd
V0592	Lyr	p	2459647.5961	V	0.0003	111	20cm+ST8	Dufoer Sjoerd

V0740	Lyr	p	2459642.6095	V	0.0006	164	20cm+ST8	Dufoer Sjoerd
V0830	Lyr	p	2459622.6654	V	0.0002	205	20cm+ST8	Dufoer Sjoerd
RW	Mon	p	2459639.4490	ccd	0.0030	99	50mm+G2	Paschke Anton
HI	Mon	p	2459656.4660	ccd	0.0070	125	50mm+G2	Paschke Anton
NS	Mon	p	2459529.5091	V	0.0003	121	20cm+ST8	Dufoer Sjoerd
NS	Mon	p	2459570.3912	V	0.0003	171	20cm+ST8	Dufoer Sjoerd
V0448	Mon	p	2459643.4620	ccd	0.0060	160	50mm+G2	Paschke Anton
V0448	Mon	s	2459648.4940	ccd	0.0060	164	50mm+G2	Paschke Anton
U	Oph	s	2459424.4360	ccd	0.0050	157	50mm+ST7	Paschke Anton
U	Oph	s	2459662.6200	ccd	0.0020	157	50mm+ST7	Paschke Anton
WZ	Oph	s	2459396.4470	ccd	0.0070	84	50mm+ST7	Paschke Anton
WZ	Oph	p	2459419.4540	ccd	0.0050	158	50mm+G2	Paschke Anton
V2377	Oph	p	2459645.5978	V	0.0016	172	20cm+ST8	Dufoer Sjoerd
CzeV468	Oph	p	2459398.4940	ccd	0.0040	196	50mm+G2	Paschke Anton
UW	Ori	p	2459480.5780	V	0.0008	166	20cm+ST8	Dufoer Sjoerd
FT	Ori	s	2459648.3840	ccd	0.0050	119	50mm+ST7	Paschke Anton
FT	Ori	p	2459649.4680	ccd	0.0070	88	50mm+G2	Paschke Anton
V1848	Ori	p	2459465.6133	V	0.0003	133	20cm+ST8	Dufoer Sjoerd
V2759	Ori	p	2459463.5960	V	0.0004	144	20cm+ST8	Dufoer Sjoerd
V2759	Ori	p	2459541.4100	V	0.0003	182	20cm+ST8	Dufoer Sjoerd
V2813	Ori	p	2459574.4900	ccd	0.0050	90	50mm+G2	Paschke Anton
V2813	Ori	s	2459574.6650	ccd	0.0050	114	50mm+G2	Paschke Anton
NSV 02529	Ori	s	2459574.4780	ccd	0.0050	150	50mm+G2	Paschke Anton
NSV 02529	Ori	p	2459574.7100	ccd	0.0050	93	50mm+G2	Paschke Anton
BB	Peg	p	2459414.4372	V	0.0002	115	20cm+ST8	Dufoer Sjoerd
DK	Peg	p	2459497.3111	V	0.0006	111	20cm+ST8	Dufoer Sjoerd
DM	Peg	p	2459466.3571	V	0.0010	133	20cm+ST8	Dufoer Sjoerd
V0357	Peg	p	2459461.3742	V	0.0003	156	20cm+ST8	Dufoer Sjoerd
V0481	Peg	p	2459541.4640	ccd	0.0050	139	50mm+ST7	Paschke Anton
RW	Per	p	2459482.4669	V	0.0021	147	20cm+ST8	Dufoer Sjoerd
IQ	Per	p	2459417.5473	V	0.0004	205	20cm+ST8	Dufoer Sjoerd
IT	Per	p	2459528.2568	V	0.0024	166	20cm+ST8	Dufoer Sjoerd
KW	Per	p	2459515.2941	V	0.0001	119	20cm+ST8	Dufoer Sjoerd
V0432	Per	p	2459414.5338	V	0.0003	135	20cm+ST8	Dufoer Sjoerd
V0578	Per	p	2459524.2696	V	0.0009	93	20cm+ST8	Dufoer Sjoerd
V0592	Per	p	2459466.4844	V	0.0037	156	20cm+ST8	Dufoer Sjoerd
V0592	Per	p	2459527.3177	V	0.0007	116	20cm+ST8	Dufoer Sjoerd
V0740	Per	s	2459495.4197	V	0.0002	144	20cm+ST8	Dufoer Sjoerd
V0873	Per	p	2459441.4727	V	0.0001	104	20cm+ST8	Dufoer Sjoerd
V0881	Per	p	2459516.2873	V	0.0003	149	20cm+ST8	Dufoer Sjoerd
V1056	Per	p	2459484.3063	V	0.0006	111	20cm+ST8	Dufoer Sjoerd
V1092	Per	p	2459418.4977	V	0.0006	239	20cm+ST8	Dufoer Sjoerd
CP	Psc	s	2459463.4042	V	0.0015	151	20cm+ST8	Dufoer Sjoerd
GR	Psc	p	2459460.4647	V	0.0004	87	20cm+ST8	Dufoer Sjoerd
TY	Pup	p	2459650.5050	ccd	0.0050	147	50mm+G2	Paschke Anton
UZ	Pup	s	2459657.4320	ccd	0.0070	50	50mm+G2	Paschke Anton
XZ	Pup	p	2459646.5300	ccd	0.0020	47	50mm+G2	Paschke Anton
V0608	Pup	p	2459666.4740	ccd	0.0080	137	50mm+G2	Paschke Anton

V0525	Sgr	p	2459440.4570	ccd	0.0070	124	50mm+G2	Paschke Anton
V2509	Sgr	p	2459425.4500	V	0.0200	214	50mm+G2	Paschke Anton
V5563	Sgr	p	2459409.4400	ccd	0.0080	253	50mm+G2	Paschke Anton
V0701	Sco	s	2459395.5420	ccd	0.0050	216	50mm+G2	Paschke Anton
V0701	Sco	p	2459400.4950	ccd	0.0070	176	50mm+G2	Paschke Anton
V0703	Sco	R	2459394.4960	ccd	0.0060	137	50mm+G2	Paschke Anton
V0703	Sco	R	2459395.4150	ccd	0.0030	91	50mm+G2	Paschke Anton
V0703	Sco	R	2459400.4930	ccd	0.0080	80	50mm+G2	Paschke Anton
V0760	Sco	p	2459393.5090	V	0.0100	292	50mm+G2	Paschke Anton
V0881	Sco	s	2459407.4590	ccd	0.0050	85	50mm+G2	Paschke Anton
V0881	Sco	s	2459412.4380	ccd	0.0040	170	50mm+G2	Paschke Anton
V1044	Sco	p	2459406.4540	ccd	0.0050	100	50mm+G2	Paschke Anton
ER	Sct	p	2459415.5100	ccd	0.0100	245	50mm+G2	Paschke Anton
AO	Ser	p	2459589.6913	V	0.0001	175	20cm+ST8	Dufoer Sjoerd
V0660	Ser	s	2459423.4700	ccd	0.0070	117	50mm+G2	Paschke Anton
WW	Sex	p	2459688.4880	ccd	0.0030	55	50mm+G2	Paschke Anton
AH	Tau	p	2459496.4315	V	0.0001	125	20cm+ST8	Dufoer Sjoerd
EQ	Tau	p	2459512.4213	V	0.0002	95	20cm+ST8	Dufoer Sjoerd
V1121	Tau	p	2459575.4560	ccd	0.0030	117	50mm+G2	Paschke Anton
V1241	Tau	p	2459460.5853	V	0.0003	97	20cm+ST8	Dufoer Sjoerd
V1370	Tau	p	2459461.6040	V	0.0003	143	20cm+ST8	Dufoer Sjoerd
V	Tri	p	2459512.3095	V	0.0001	195	20cm+ST8	Dufoer Sjoerd
AK	Tri	p	2459504.3178	V	0.0007	140	20cm+ST8	Dufoer Sjoerd
W	UMa	p	2459515.4803	V	0.0001	173	20cm+ST8	Dufoer Sjoerd
XY	UMa	p	2459528.3998	V	0.0002	160	20cm+ST8	Dufoer Sjoerd
AW	UMa	p	2459570.4913	V	0.0006	144	20cm+ST8	Dufoer Sjoerd
AW	UMa	p	2459684.5690	ccd	0.0070	131	50mm+ST7	Paschke Anton
BG	UMa	p	2459370.4483	ccd	0.0020	50	20cm+G2-1600	Auer Reinhold
BG	UMa	s	2459383.5016	ccd	0.0020	76	20cm+G2-1600	Auer Reinhold
BG	UMa	p	2459651.5676	ccd	0.0020	63	20cm+G2-1600	Auer Reinhold
BG	UMa	s	2459652.5701	V	0.0020	81	20cm+G2-1600	Auer Reinhold
FT	UMa	p	2459688.3850	ccd	0.0100	94	50mm+ST7	Paschke Anton
GT	UMa	s	2459649.3990	ccd	0.0050	125	50mm+ST7	Paschke Anton
GT	UMa	s	2459663.3700	ccd	0.0020	130	50mm+ST7	Paschke Anton
GT	UMa	p	2459667.4500	ccd	0.0050	125	50mm+ST7	Paschke Anton
GW	UMa	R	2459664.3970	ccd	0.0020	41	50mm+ST7	Paschke Anton
GW	UMa	R	2459664.6050	ccd	0.0020	61	50mm+ST7	Paschke Anton
HN	UMa	p	2459666.4050	ccd	0.0150	122	50mm+ST7	Paschke Anton
HX	UMa	s	2459680.3540	ccd	0.0080	80	50mm+ST7	Paschke Anton
HX	UMa	p	2459685.4650	ccd	0.0070	83	50mm+ST7	Paschke Anton
II	UMa	p	2459674.4800	ccd	0.0050	151	50mm+ST7	Paschke Anton
II	UMa	s	2459686.4550	ccd	0.0100	171	50mm+ST7	Paschke Anton
IO	UMa	p	2459645.4840	ccd	0.0080	201	50mm+ST7	Paschke Anton
MW	UMa	p	2459698.4940	ccd	0.0020	38	50mm+ST7	Paschke Anton
QT	UMa	p	2459512.5371	V	0.0003	85	20cm+ST8	Dufoer Sjoerd
V0436	UMa	R	2459683.4020	ccd	0.0002	72	50mm+G2	Paschke Anton
TY	UMi	p	2459646.4190	ccd	0.0050	130	50mm+ST7	Paschke Anton
AI	Vel	R	2459663.4410	ccd	0.0010	196	50mm+G2	Paschke Anton

AS	Vel	p	2459665.4320	ccd	0.0020	100	50mm+G2	Paschke Anton
QX	Vel	p	2459677.4710	V	0.0050	122	50mm+G2	Paschke Anton
UW	Vir	p	2459702.5490	ccd	0.0020	73	50mm+G2	Paschke Anton
HW	Vir	p	2459642.4681	V	0.0001	115	20cm+ST8	Dufoer Sjoerd
IM	Vir	p	2459690.5540	ccd	0.0010	67	50mm+G2	Paschke Anton
NN	Vir	s	2459396.4950	ccd	0.0060	213	50mm+G2	Paschke Anton
NN	Vir	p	2459699.5690	ccd	0.0020	126	50mm+G2	Paschke Anton
PY	Vir	p	2459698.4330	ccd	0.0020	68	50mm+G2	Paschke Anton
PY	Vir	s	2459698.5860	ccd	0.0020	110	50mm+G2	Paschke Anton
V0614	Vir	p	2459689.5080	ccd	0.0010	103	50mm+G2	Paschke Anton
V0700	Vir	s	2459692.4710	ccd	0.0030	48	50mm+G2	Paschke Anton
V0700	Vir	p	2459692.6750	ccd	0.0050	80	50mm+G2	Paschke Anton
G5540.01181	Vir	s	2459691.6170	ccd	0.0100	117	50mm+G2	Paschke Anton
BU	Vul	p	2459635.6860	V	0.0004	68	20cm+ST8	Dufoer Sjoerd
V0495	Vul	s	2459437.5130	ccd	0.0040	80	50mm+ST7	Paschke Anton
V0595	Vul	p	2459661.6539	V	0.0004	119	20cm+ST8	Dufoer Sjoerd

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