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**BAV-RESULTS OF OBSERVATIONS - PHOTOELECTRIC MINIMA  
OF SELECTED ECLIPSING BINARIES AND MAXIMA OF PULSATING STARS**

(BAV MITTEILUNGEN NO. 214)

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In this 68th compilation of BAV results, photoelectric observations obtained in the year 2010 are presented on 436 variable stars giving 784 minima on eclipsing binaries and maxima on pulsating stars. All moments of minima and maxima are heliocentric. The errors are tabulated in column ‘±’. The values in column ‘ $O - C$ ’ are determined without incorporation of nonlinear terms. The references are given in the section ‘Remarks’. All information about photometers and filters are specified in the column ‘Rem’. The observations were made at private observatories. The photoelectric measurements and all the lightcurves with evaluations can be obtained from the office of the BAV for inspection.

**Table 1: Times of minima of eclipsing binaries**

Variable	HJD 24.....	±	Obs	$O - C$	Bibliography	Fil	n	Rem
RT And	55381.4694	.0049	PGL	+0.0421	GCVS 2009	V	212	15)
AA And	54841.2736	.0002	RAT RCR	-0.0039	GCVS 2009	-U-I	82	4)
AS And	55102.3361	.0001	MS FR			o	488	9)
V452 And	55071.5098	.0004	FR	+0.0832	GCVS 2009	-Ir	29	16)
V463 And	55124.4122	.0019	RAT RCR	-0.0731	GCVS 2009	-U-I	173	4)
	55124.6061	.0004	RAT RCR	-0.0823	s GCVS 2009	-U-I	173	4)
	55125.4198	.0002	RAT RCR	-0.0808	s GCVS 2009	-U-I	197	4)
UU Ant	54968.3130	.0020	HND	-0.0281	GCVS 2009	o	52	7)
	54983.3170	.0020	HND	-0.0294	GCVS 2009	o	76	7)
MU Aqr	55029.5140	.0005	RAT RCR	-0.0016	GCVS 2009	-U-I	109	4)
KP Aql	55410.3796	.0030	WTR	-0.0194	s GCVS 2009	-Ir	46	12)
QY Aql	55353.4883	.0005	AG	-0.1815	GCVS 2009	-Ir	31	16)
V340 Aql	55352.4696	.0005	AG	+0.0153	GCVS 2009	-Ir	43	16)
V346 Aql	55430.3848	.0010	WTR	-0.0105	GCVS 2009	-Ir	77	12)
V724 Aql	55017.4646	.0004	RAT RCR	-0.0333	IBVS 3555	-U-I	90	4)
V805 Aql	55409.4168	.0040	WTR	+0.0109	s GCVS 2009	-Ir	81	12)
V962 Aql	55374.4966	.0014	AG	-0.1204	GCVS 2009	-Ir	33	16)
V1045 Aql	55353.4470	.0038	AG	-0.0131	s GCVS 2009	-Ir	31	16)
V1097 Aql	55353.4483	.0121	AG	-0.0698	s GCVS 2009	-Ir	31	16)
V1184 Aql	55359.5221	.0003	AG	+0.1240	GCVS 2009	-Ir	31	16)
	55374.5108	.0097	AG	+0.1065	GCVS 2009	-Ir	33	16)
V1299 Aql	55352.4665	.0009	AG	-0.0470	GCVS 2009	-Ir	27	16)
TT Aur	54840.4918	.0001	RAT RCR	-0.0139	GCVS 2009	m	190	4)
ZZ Aur	54843.5204	.0007	RAT RCR	+0.0185	s GCVS 2009	-U-I	111	4)
AP Aur	54841.6138	.0003	RAT RCR	+0.0888	s IBVS 3942	-U-I	158	4)

Table 1: (cont.)

Variable	HJD 24,....	$\pm$	Obs	$O - C$	Bibliography	Fil	n	Rem
AP Aur	54911.3657	.0002	RAT RCR	+0.0931	IBVS 3942	-U-I	87	4)
EM Aur	54909.3642	.0010	RAT RCR	-0.1946	GCVS 2009	-U-I	80	4)
HL Aur	54910.3029	.0002	RAT RCR	-0.0148	GCVS 2009	-U-I	44	4)
KU Aur	54838.3742	.0002	RAT RCR	+0.0258	GCVS 2009	-U-I	77	4)
NN Aur	55295.4256	.0004	FR			-Ir	40	16)
SU Boo	54947.3748	.0005	RAT RCR	+0.0187	GCVS 2009	-U-I	85	4)
TY Boo	55281.4350	.0022	AG	-0.0321	s BAVM 68	-Ir	58	16)
	55281.5912	.0010	AG	-0.0345	BAVM 68	-Ir	58	16)
TZ Boo	55311.4755	.0002	GB	-0.0352	BAVM 68	V	100	5)
	55313.4059	.0002	GB	-0.0364	s BAVM 68	V	121	5)
	55314.4476	.0046	AG	-0.0347	BAVM 68	-Ir	99	16)
	55314.4476	.0002	GB	-0.0347	BAVM 68	V	131	5)
	55314.5953	.0010	AG	-0.0356	s BAVM 68	-Ir	99	16)
	55315.4863	.0001	GB	-0.0361	s BAVM 68	V	85	5)
	55316.3772	.0001	GB	-0.0366	s BAVM 68	V	83	5)
	55316.5284	.0021	AG	-0.0340	BAVM 68	-Ir	56	16)
	55352.4844	.0002	GB	-0.0340	BAVM 68	V	85	5)
	55358.4273	.0001	GB	-0.0342	BAVM 68	V	81	5)
	55362.4378	.0001	GB	-0.0353	s BAVM 68	V	95	5)
VW Boo	54953.3787	.0003	RAT RCR	-0.0655	BAVR 32,122	-U-I	61	4)
XY Boo	55294.4146	.0014	AG	+0.0073	s GCVS 2009	V	63	16)
	55294.5997	.0023	AG	+0.0071	GCVS 2009	V	63	16)
	55310.5361	.0035	AG	+0.0100	GCVS 2009	-Ir	35	16)
YY Boo	55316.5096	.0038	AG	-0.1053	GCVS 2009	-Ir	56	16)
AC Boo	55301.3887	.0021	PGL	+0.0060	s GCVS 2009	V	213	18)
AQ Boo	55294.4080	.0032	AG			-Ir	63	16)
	55294.5743	.0022	AG			-Ir	63	16)
	55310.3964	.0044	AG			-Ir	35	16)
	55310.5638	.0012	AG			-Ir	35	16)
AR Boo	55310.4363	.0042	AG	+0.0970	s GCVS 2009	-Ir	36	16)
	55310.6074	.0001	AG	+0.0597	GCVS 2009	-Ir	36	16)
DU Boo	55341.4260	.0018	JU			o	40	5)
EW Boo	55073.3606	.0002	RAT RCR			-U-I	104	20)
	55314.4498	.0075	AG			-Ir	99	16)
FY Boo	55310.3770	.0004	AG			-Ir	36	16)
	55310.4990	.0009	AG			-Ir	36	16)
GM Boo	55315.3853	.0031	AG			-Ir	50	16)
	55315.5660	.0060	AG			-Ir	50	16)
GN Boo	55315.3905	.0010	AG			-Ir	50	16)
	55315.5408	.0007	AG			-Ir	50	16)
GP Boo	55315.4505	.0130	AG			-Ir	50	16)
GQ Boo	55315.4348	.0039	AG			-Ir	50	16)
GT Boo	55314.4104	.0085	AG			-Ir	99	16)
	55316.4070	.0060	AG			-Ir	55	16)
GW Boo	55294.3962	.0058	AG	+0.1044	GCVS 2009	V	63	16)
	55310.4066	.0036	AG	+0.1674	GCVS 07	-Ir	40	16)
	55310.5829	.0011	AG	+0.0779	s GCVS 2009	-Ir	40	16)
GX Boo	55310.5412	.0042	AG	-0.0017	s GCVS 2009	-Ir	36	16)
HR Boo	55315.4281	.0047	AG	-0.0398	GCVS 2009	-Ir	50	16)
SV Cam	55227.3471	.0035	PGL	+0.0454	s GCVS 09	V	63	18)
AO Cam	54844.2284	.0002	RAT RCR	-0.0697	s GCVS 2009	-U-I	42	4)
	55194.4182	.0001	WN	-0.0868	GCVS 09	V	103	13)
	55263.3661	.0012	JU	-0.0915	GCVS 09	o	52	5)
AV Cam	54908.3802	.0002	RAT RCR	-0.0687	GCVS 2009	-U-I	102	4)
CD Cam	55263.4969	.0146	AG			-Ir	62	16)
NQ Cam	55263.3772	.0015	AG	+0.0901	GCVS 2009	-Ir	61	16)
	55263.5585	.0013	AG	+0.0904	s GCVS 07	-Ir	61	16)
	55316.4251	.0035	AG	+0.0918	s GCVS 07	-Ir	51	16)
NR Cam	54910.3790	.0002	RAT RCR	+0.0024	GCVS 2009	-U-I	245	4)
	54910.5077	.0002	RAT RCR	+0.0031	s GCVS 2009	-U-I	245	4)
	54910.6361	.0003	RAT RCR	+0.0036	GCVS 2009	-U-I	245	4)

Table 1: (cont.)

Variable	HJD 24.....	$\pm$	Obs	$O - C$	Bibliography	Fil	n	Rem
NS Cam	55263.3587	.0056	AG	-0.0487	GCVS 2009	-Ir	66	(16)
NU Cam	54911.5670	.0005	RAT RCR	+0.0358	GCVS 2009	-U-I	184	4)
TX Cnc	55192.4713	.0001	RAT RCR	+0.0372	GCVS 2009	-U-I	95	20)
WX Cnc	54881.3266	.0003	RAT RCR	+0.0125	s GCVS 2009	-U-I	115	4)
AH Cnc	54173.4445	.0017	SCI	+0.0372	GCVS 2009	o	77	5)
EH Cnc	54857.3580	.0003	RAT RCR			-U-I	86	4)
FF Cnc	55279.4636	.0002	FR	-0.1897	IBVS 3859	-Ir	62	16)
GQ Cnc	55275.3979	.0015	AG			-Ir	23	16)
HN Cnc	54861.3853	.0003	RAT RCR	-0.0166	IBVS 5260	-U-I	96	4)
IL Cnc	54866.4299	.0003	RAT RCR	+0.0461	s GCVS 2009	-U-I	84	4)
	55275.4110	.0013	AG	+0.0580	s GCVS 2009	-Ir	25	16)
	55295.3479	.0010	AG	+0.0550	GCVS 2009	-Ir	45	16)
	55295.4840	.0009	AG	+0.0573	s GCVS 2009	-Ir	45	16)
IM Cnc	55275.4354	.0001	AG	-0.0028	s GCVS 2009	-Ir	24	16)
IO Cnc	55295.4652	.0022	AG	+0.0091	s GCVS 2009	-Ir	43	16)
IT Cnc	55275.4235	.0019	AG	-0.0488	s GCVS 2009	-Ir	27	16)
	55295.4284	.0023	AG	-0.0460	s GCVS 2009	-Ir	43	16)
VZ CVn	54943.3740	.0002	RAT RCR	-0.0011	s GCVS 2009	m	65	4)
BI CVn	55309.4183	.0039	AG	+0.0264	s GCVS 2009	-Ir	59	16)
BO CVn	55294.3759	.0091	AG			-Ir	154	16)
DF CVn	55309.3901	.0012	AG			-Ir	59	16)
	55309.5525	.0010	AG			-Ir	59	16)
DR CVn	55309.4294	.0044	AG	+0.0412	GCVS 2009	-Ir	59	16)
	55309.5967	.0017	AG	+0.0440	s GCVS 2009	-Ir	59	16)
DX CVn	54941.3625	.0004	RAT RCR	+0.0013	GCVS 2009	-U-I	77	4)
	55309.4697	.0018	AG	+0.0050	GCVS 2009	-Ir	59	16)
DY CVn	55309.4431	.0012	AG	-0.0037	s GCVS 2009	-Ir	59	16)
	55309.5657	.0008	AG	-0.0041	GCVS 2009	-Ir	59	16)
EE CVn	55315.3876	.0029	AG	-0.0058	s GCVS 2009	-Ir	61	16)
EH CVn	55315.4511	.0023	AG	-0.0494	GCVS 2009	-Ir	59	16)
	55315.5953	.0040	AG	-0.0370	s GCVS 2009	-Ir	59	16)
EI CVn	55315.4722	.0012	AG	-0.0170	s GCVS 2009	-Ir	60	16)
	55315.6041	.0002	AG	-0.0154	GCVS 2009	-Ir	60	16)
BZ Cas	54840.4030	.0003	RAT RCR	+0.2740	GCVS 2009	-U-I	66	4)
IR Cas	55192.2594	.0001	RAT RCR	+0.0084	GCVS 2009	-U-I	121	20)
MR Cas	55063.5061	.0024	AG	+0.0220	GCVS 2009	-Ir	30	16)
OR Cas	55374.4332	.0007	AG	-0.0232	GCVS 2009	-Ir	38	16)
PV Cas	54840.2923	.0003	RAT RCR	-0.0345	GCVS 2009	-U-I	69	4)
QQ Cas	54155.3169	.0004	RAT RCR	+0.4489	BAVR 35,1	-U-I	165	20)
V366 Cas	55374.4334	.0018	AG	-0.0356	s IBVS 4798	-Ir	38	16)
V387 Cas	55374.4561	.0035	AG	+0.1023	GCVS 2009	-Ir	38	16)
V440 Cas	55154.3420	.0005	FR			-Ir	67	16)
	55154.5027	.0008	FR			-Ir	67	16)
V952 Cas	54843.2532	.0007	RAT RCR	-0.0072	BAVM148	-U-I	82	4)
VW Cep	55394.4511	.0035	PGL	-0.0532	s GCVS 2009	V	363	15)
XX Cep	55376.4583	.0010	JU	-0.0122	GCVS 2009	o	50	5)
CW Cep	55353.5002	.0069	PGL	+0.0167	GCVS 2009	V	251	18)
	55398.4932	.0050	JU	-0.0212	s GCVS 09	o	88	5)
EF Cep	54841.4654	.0005	RAT RCR	+0.1843	s GCVS 09	-U-I	70	4)
GI Cep	55082.4741	.0001	RAT RCR	-0.1044	GCVS 2009	-U-I	289	20)
	55097.5205	.0007	RAT RCR	-0.1044	s GCVS 2009	-U-I	182	20)
GW Cep	54843.3694	.0002	RAT RCR	-0.0130	BAVR 33,160	-U-I	78	4)
RW Com	54933.4181	.0001	RAT RCR	-0.0170	GCVS 2009	-U-I	101	4)
	55310.4456	.0017	AG	-0.0135	s GCVS 2009	-Ir	40	16)
	55310.5646	.0008	AG	-0.0132	GCVS 2009	-Ir	40	16)
RZ Com	54866.5259	.0001	RAT RCR	+0.0422	GCVS 2009	-U-I	136	4)
	54932.3656	.0001	RAT RCR	+0.0425	s GCVS 2009	-U-I	78	4)
SS Com	54935.3529	.0004	RAT RCR	-0.0461	s BAVR 33,152	-U-I	57	4)
CN Com	55293.3996	.0001	MS FR	+0.0600	GCVS 2009	o	558	9)
DG Com	55306.3851	.0004	MS FR	-0.0512	s GCVS 2009	o	324	9)
EK Com	55310.4659	.0016	AG			-Ir	40	16)

Table 1: (cont.)

Variable	HJD 24.....	$\pm$	Obs	$O - C$	Bibliography	Fil	n	Rem
EK Com	55310.5989	.0022	AG			-Ir	40	16)
EQ Com	55305.3627	.0004	MS FR	+0.0153	GCVS 2009	o	497	9)
LO Com	55310.4708	.0025	AG			-Ir	38	16)
LP Com	55310.5025	.0018	AG			-Ir	40	16)
LQ Com	55310.4057	.0048	AG			-Ir	40	16)
	55310.5815	.0011	AG			-Ir	40	16)
U CrB	55281.5594	.0055	AG	+0.1164	GCVS 2009	R	55	16)
	55281.5598	.0065	AG	+0.1168	GCVS 2009	V	53	16)
RT CrB	55281.5761	.0094	AG	-0.0321	GCVS 2009	V	57	16)
	55294.3963	.0078	FR	-0.0048	s GCVS 2009	-Ir	35	10)
RW CrB	54922.5623	.0002	RAT RCR	-0.0015	GCVS 2009	-U-I	132	4)
	55281.4117	.0064	AG	+0.0007	GCVS 2009	V	59	16)
	55294.4872	.0004	FR	+0.0008	GCVS 2009	-Ir	53	10)
TW CrB	55293.4322	.0002	FR	+0.0421	s GCVS 2009	-Ir	45	10)
AR CrB	55293.3883	.0006	FR	-0.0043	s GCVS 2009	-Ir	79	16)
	55293.5857	.0003	FR	-0.0056	GCVS 2009	-Ir	79	16)
AS CrB	54968.4261	.0003	RAT RCR	+0.0060	s GCVS 2009	-U-I	64	4)
	55067.3977	.0002	RAT RCR	+0.0065	s GCVS 2009	-U-I	116	20)
AV CrB	54934.4885	.0002	RAT RCR	-0.0143	GCVS 2009	-U-I	123	4)
	54974.3975	.0002	RAT RCR	-0.0163	s GCVS 2009	-U-I	57	4)
	55340.5298	.0020	AG	-0.0173	s GCVS 2009	-Ir	25	16)
VV Cyg	55372.4826	.0004	AG	+0.0110	GCVS 2009	-Ir	33	16)
WZ Cyg	55072.4786	.0001	RAT RCR	+0.0628	GCVS 2009	-U-I	194	20)
DP Cyg	55309.5734	.0024	AG	+0.1784	s GCVS 2009	-Ir	46	16)
EN Cyg	55376.3863	.0008	AG	+0.4489	GCVS 2009	-Ir	36	16)
	55398.5363	.0012	SCI	+0.4508	GCVS 2009	o	33	5)
GG Cyg	55359.5168	.0003	AG	+0.1372	GCVS 2009	-Ir	28	16)
LO Cyg	55357.4415	.0016	AG	+0.0003	GCVS 2009	-Ir	17	16)
MY Cyg	55359.4654	.0179	AG	-0.0026	GCVS 2009	V	30	16)
	55359.4669	.0117	AG	-0.0011	GCVS 2009	B	30	16)
NZ Cyg	55377.4130	.0012	AG	+0.0794	s GCVS 2009	-Ir	24	16)
QW Cyg	55377.4435	.0046	AG	-0.0754	s GCVS 2009	-Ir	24	16)
	55379.4930	.0021	SCI	-0.0826	GCVS 2009	o	55	5)
V346 Cyg	55375.4342	.0010	AG	+0.1493	GCVS 2009	-Ir	30	16)
V370 Cyg	55101.4070	.0005	RAT RCR	-0.0243	GCVS 2009	-U-I	56	4)
	55376.3694	.0010	AG	-0.0250	GCVS 2009	-Ir	62	16)
V401 Cyg	54968.5132	.0003	RAT RCR	+0.0590	s GCVS 2009	-U-I	94	4)
	55376.4289	.0123	AG	+0.0693	s GCVS 2009	-Ir	32	16)
V442 Cyg	55391.4693	.0027	SCI	-0.0425	GCVS 2009	o	98	5)
V443 Cyg	55371.4949	.0017	SCI	+0.0327	GCVS 2009	o	95	5)
V454 Cyg	55075.4922	.0001	RAT RCR	-0.0089	GCVS 2009	-U-I	262	20)
V478 Cyg	55092.5586	.0020	RAT RCR	+0.0232	s GCVS 2009	-U-I	208	20)
V483 Cyg	55073.5275	.0030	RAT RCR	+0.0338	GCVS 2009	-U-I	152	20)
V499 Cyg	55359.4007	.0017	AG	+0.0383	GCVS 2009	-Ir	27	16)
V500 Cyg	55083.5077	.0007	RAT RCR	+0.1083	s GCVS 09	-U-I	231	20)
	55370.4700	.0017	SCI	+0.1022	GCVS 2009	o	63	5)
V502 Cyg	55294.5662	.0007	MS FR	+0.1242	GCVS 2009	o	29	9)
V509 Cyg	55396.5066	.0028	SCI	+0.2039	GCVS 2009	o	73	5)
V704 Cyg	55372.4499	.0018	AG	+0.0312	s GCVS 2009	-Ir	33	16)
V706 Cyg	55306.5260	.0002	MS FR	-0.0546	GCVS 2009	o	390	9)
	55372.5018	.0018	AG	-0.0540	s GCVS 2009	-Ir	33	16)
V726 Cyg	55293.5696	.0001	MS FR	+0.0408	GCVS 2009	o	585	9)
V753 Cyg	55279.6187	.0002	MS FR	+0.0033	BAVM 69	o	306	9)
V787 Cyg	55084.5333	.0001	RAT RCR	+0.0042	GCVS 2009	-U-I	206	20)
V796 Cyg	55074.4847	.0001	RAT RCR	-0.0161	GCVS 2009	-U-I	228	20)
V824 Cyg	55377.4176	.0041	AG	+0.0149	GCVS 2009	-Ir	25	16)
V859 Cyg	55376.4325	.0023	SCI	+0.0158	GCVS 2009	o	113	5)
V909 Cyg	55429.3919	.0020	WTR	-0.0221	BAVR 47,2	-Ir	81	12)
V941 Cyg	55085.4615	.0029	SCI	-0.0785	GCVS 2009	o	65	5)
	55386.5169	.0023	SCI	-0.0736	GCVS 2009	o	105	5)
V957 Cyg	55305.5538	.0005	MS FR	+0.1387	GCVS 2009	o	572	9)

Table 1: (cont.)

Variable	HJD 24.....	±	Obs	O - C	Bibliography	Fil	n	Rem
V959 Cyg	55126.2884	.0002	RAT RCR	-0.0514	GCVS 2009	-U-I	169	20)
	55376.5040	.0015	AG	-0.0514	GCVS 2009	-Ir	32	16)
V961 Cyg	55375.4909	.0005	AG	-0.0800	GCVS 2009	-Ir	30	16)
	55376.5093	.0023	AG	-0.0805	s GCVS 2009	-Ir	32	16)
V963 Cyg	55065.4652	.0002	RAT RCR	-0.0011	GCVS 2009	-U-I	151	20)
	55376.4762	.0012	AG	-0.0011	GCVS 2009	-Ir	32	16)
V970 Cyg	55385.5250	.0029	SCI	-0.0006	GCVS 2009	o	32	5)
V995 Cyg	55062.5472	.0001	RAT RCR	+0.4891	GCVS 2009	-U-I	268	20)
V1004 Cyg	55375.5435	.0004	AG	-0.1746	GCVS 2009	-Ir	30	16)
V1013 Cyg	55358.4732	.0031	FR	+0.1512	s GCVS 2009	-Ir	19	16)
V1018 Cyg	55125.2817	.0004	RAT RCR	-0.0885	GCVS 2009	-U-I	120	4)
V1036 Cyg	55304.5632	.0002	MS FR	+0.0005	BAVM 141	o	605	9)
V1141 Cyg	55044.5112	.0003	RAT RCR	+0.0358	GCVS 2009	-U-I	140	4)
	55124.3133	.0003	RAT RCR	+0.0228	GCVS 2009	-U-I	131	4)
	55377.4176	.0050	AG	+0.0963	GCVS 2009	-Ir	23	16)
V1171 Cyg	55358.4905	.0002	FR	-0.0559	GCVS 2009	-Ir	32	16)
V1193 Cyg	55264.6100	.0005	MS FR	+0.2640	GCVS 09	o	513	9)
	55393.5768	.0025	SCI	+0.1598	s GCVS 2009	o	28	5)
V1196 Cyg	55265.6146	.0008	MS FR	+0.0769	GCVS 2009	o	513	9)
V1305 Cyg	55382.3907	.0033	SCI	+0.0049	GCVS 2009	o	60	5)
V1356 Cyg	55375.4983	.0010	AG	+0.1744	GCVS 2009	V	30	16)
V1425 Cyg	55374.4909	.0026	SCI	+0.0079	GCVS 2009	o	166	5)
V2080 Cyg	55375.5245	.0019	SCI			o	105	5)
V2240 Cyg	55075.4963	.0003	RAT RCR			-U-I	244	20)
V2287 Cyg	55063.5258	.0001	RAT RCR			-U-I	269	20)
W Del	55377.4703	.0058	AG	+0.0281	GCVS 2009	-Ir	26	16)
EX Del	55352.5175	.0013	AG	-0.0658	s GCVS 2009	-Ir	27	16)
RZ Dra	55353.4603	.0098	AG	+0.0526	s GCVS 2009	-Ir	120	16)
TW Dra	55296.3431	.0030	JU	+0.0244	GCVS 2009	o	55	5)
	55338.4462	.0010	JU	+0.0248	GCVS 2009	o	66	5)
TZ Dra	55391.4509	.0010	JU	-0.0309	GCVS 2009	o	62	5)
XY Dra	55375.4714	.0030	AG	+0.1631	GCVS 2009	-Ir	46	16)
AX Dra	54881.5272	.0004	RAT RCR	-0.0042	BAVR 32.36	-U-I	80	4)
BE Dra	54937.5211	.0002	RAT RCR	-0.1235	s GCVS 2009	-U-I	188	4)
GV Dra	55340.4121	.0024	SCI	-0.0027	IBVS 4990	o	149	5)
LZ Dra	54942.4969	.0002	RAT RCR			-U-I	167	4)
NN Dra	54847.5901	.0002	RAT RCR	+0.0629	GCVS 2009	-U-I	199	4)
AF Gem	54861.2801	.0001	RAT RCR	-0.0694	GCVS 2009	-U-I	68	4)
AV Gem	55201.3127	.0018	AG	-0.0297	GCVS 2009	-Ir	15	16)
AZ Gem	55244.3529	.0003	AG	+0.0862	GCVS 2009	-Ir	13	16)
BO Gem	55263.4520	.0004	FR	+0.7178	GCVS 2009	-Ir	50	16)
DV Gem	55263.469	.001	FR	-0.380	GCVS 2009	-Ir	64	16)
EG Gem	55263.4003	.0173	AG	+0.2824	s GCVS 2009	-Ir	23	16)
EN Gem	55263.3056	.0063	AG	-0.0372	s GCVS 2009	-Ir	26	16)
FG Gem	55244.3702	.0004	AG	-0.0257	GCVS 2009	-Ir	15	16)
FT Gem	55263.4233	.0042	AG	-0.0273	GCVS 2009	-Ir	24	16)
HR Gem	54866.2978	.0003	RAT RCR	+0.0124	GCVS 2009	-U-I	57	4)
KM Gem	55263.4324	.0047	AG	-0.0587	GCVS 2009	-Ir	22	16)
KQ Gem	55263.3926	.0020	AG	-0.0839	GCVS 2009	-Ir	18	16)
KV Gem	55201.2838	.0010	AG	-0.0205	s BAVR 52.95	-Ir	15	16)
	55244.3074	.0019	AG	-0.0198	s BAVR 52.95	-Ir	15	16)
KY Gem	55201.7210	.0050	AG	-0.4233	GCVS 2009	-Ir	77	16)
SZ Her	55059.3907	.0001	RAT RCR	-0.0216	GCVS 2009	-U-I	94	20)
	55068.3901	.0001	RAT RCR	-0.0213	GCVS 2009	-U-I	94	20)
	55086.3881	.0001	RAT RCR	-0.0215	GCVS 2009	-U-I	133	20)
	54943.4897	.0005	RAT RCR	+0.0330	s GCVS 2009	-U-I	147	4)
TT Her	55304.5043	.0004	QU	-0.0049	GCVS 2009	V	64	6)
BC Her	55374.5003	.0009	AG	-0.4184	GCVS 2009	-Ir	35	16)
CC Her	55340.4861	.0006	AG	+0.1997	GCVS 2009	-Ir	53	16)
DK Her	55352.3872	.0007	AG	-0.1371	GCVS 2009	-Ir	39	16)
FN Her	55340.4008	.0035	AG	+0.0914	GCVS 2009	-Ir	53	16)

Table 1: (cont.)

Variable	HJD 24.....	$\pm$	Obs	$O - C$	Bibliography	File	n	Rem
FW Her	53612.3589	.0018	SCI	+0.0596	GCVS 2009	o	28	5)
	55352.5326	.0022	SCI	+0.0701	GCVS 2009	o	37	5)
IK Her	55372.5098	.0096	AG	+0.2595	s GCVS 2009	-Ir	32	16)
LT Her	54941.4588	.0009	RAT RCR	-0.0267	BAVM 69	-U-I	138	4)
V338 Her	55385.4167	.0006	JU	+0.0925	GCVS 2009	o	52	5)
V357 Her	55359.4356	.0024	AG	+0.0239	s GCVS 2009	-Ir	29	16)
	55374.5253	.0026	AG	+0.0233	s GCVS 2009	-Ir	35	16)
V359 Her	55075.3645	.0003	RAT RCR	+0.1894	GCVS 2009	-U-I	150	20)
	55340.4762	.0080	AG	+0.1851	GCVS 2009	-Ir	25	16)
V381 Her	55341.4971	.0028	AG	+0.1873	GCVS 2009	-Ir	33	16)
V387 Her	55341.4754	.0014	AG	+0.0685	s GCVS 2009	-Ir	32	16)
V450 Her	55314.4030	.0028	AG	+0.1110	s GCVS 2009	-Ir	30	16)
V719 Her	55084.3007	.0002	RAT RCR	+0.0025	s GCVS 2009	-U-I	192	20)
	55092.3198	.0002	RAT RCR	+0.1287	GCVS 09	-U-I	156	20)
	55341.4961	.0022	AG	+0.0894	GCVS 09	-Ir	30	16)
V728 Her	55358.5328	.0013	AG	+0.1647	s GCVS 09	-Ir	29	16)
	55083.3697	.0003	RAT RCR	+0.0651	IBVS 3234	-U-I	146	20)
	55376.5161	.0031	AG	+0.0711	IBVS 3234	-Ir	44	16)
V829 Her	55314.5377	.0041	AG	+0.0333	IBVS 5496	-Ir	30	16)
	55375.4291	.0015	JU	+0.0392	IBVS 5496	o	48	5)
V842 Her	54932.4983	.0001	RAT RCR	-0.0488	s BAVR 49,180	-U-I	136	4)
	55340.4271	.0007	JU	-0.0561	BAVR 49,180	o	52	5)
	55388.4070	.0024	WTR	-0.0564	s BAVR 49,180	-Ir	53	12)
V857 Her	55393.4366	.0011	JU	-0.0553	s BAVR 49,180	o	43	5)
	55341.4004	.0037	AG			-Ir	31	16)
	55352.4867	.0010	JU			o	85	5)
V861 Her	55308.3846	.0005	AG			-Ir	8	16)
	55341.4700	.0020	AG			-Ir	29	16)
V878 Her	55045.3760	.0004	RAT RCR			-U-I	63	4)
	55396.4184	.0006	JU			o	40	5)
V1032 Her	55314.4878	.0087	AG			-Ir	30	16)
	55340.5243	.0025	AG			-Ir	25	16)
V1033 Her	55314.4077	.0021	AG			-Ir	30	16)
	55314.5593	.0020	AG			-Ir	30	16)
V1034 Her	55352.4994	.0005	AG			-Ir	39	16)
V1035 Her	54946.5353	.0002	RAT RCR			-U-I	132	4)
V1038 Her	55314.4140	.0005	AG			-Ir	30	16)
	55314.5499	.0006	AG			-Ir	30	16)
	55340.4275	.0008	AG			-Ir	25	16)
	55372.4765	.0013	AG			-Ir	32	16)
V1039 Her	55352.4844	.0011	AG			-Ir	39	16)
V1042 Her	55341.4190	.0020	AG			-Ir	27	16)
V1044 Her	55070.3809	.0003	RAT RCR			-U-I	91	20)
V1045 Her	55101.3606	.0004	RAT RCR			-U-I	124	4)
V1047 Her	55314.4049	.0022	AG			-Ir	30	16)
	55314.5625	.0027	AG			-Ir	30	16)
V1052 Her	55341.4259	.0018	AG			-Ir	29	16)
V1053 Her	55314.3904	.0004	AG			-Ir	30	16)
	55314.5351	.0013	AG			-Ir	30	16)
	54933.5352	.0002	RAT RCR			-U-I	130	4)
V1055 Her	55082.4090	.0002	RAT RCR			-U-I	100	20)
	55341.5174	.0045	AG			-Ir	30	16)
	55374.4755	.0010	JU			o	58	5)
	55376.5280	.0026	AG			-Ir	44	16)
V1062 Her	55358.4718	.0014	AG			-Ir	30	16)
V1067 Her	55358.3912	.0010	AG			-Ir	30	16)
	55358.5215	.0009	AG			-Ir	30	16)
	55376.4583	.0009	AG			-Ir	44	16)
V1073 Her	55097.3499	.0001	RAT RCR			-U-I	151	20)
V1088 Her	55314.4428	.0072	AG	+0.0177	GCVS 2009	-Ir	31	16)
	55372.4579	.0061	AG	+0.0172	s GCVS 2009	-Ir	32	16)

Table 1: (cont.)

Variable	HJD 24.....	$\pm$	Obs	$O - C$		Bibliography	Fil	n	Rem
V1091 Her	55314.5163	.0038	AG	+0.0135	s	GCVS 2009	-Ir	30	16)
V1095 Her	55049.4847	.0003	RAT RCR	-0.0189		GCVS 2009	-U-I	140	4)
	55050.5216	.0004	RAT RCR	-0.0204	s	GCVS 2009	-U-I	138	4)
	55341.4955	.0009	AG	-0.0209		GCVS 2009	-Ir	32	16)
	55358.5240	.0016	AG	-0.0230		GCVS 2009	-Ir	30	16)
V1096 Her	55049.4850	.0007	RAT RCR	+0.0175		GCVS 2009	-U-I	140	4)
	55050.4525	.0006	RAT RCR	+0.0194		GCVS 2009	-U-I	139	4)
	55341.4797	.0018	AG	+0.0208	s	GCVS 2009	-Ir	32	16)
	55358.5004	.0016	AG	+0.0217		GCVS 2009	-Ir	30	16)
	55376.4848	.0021	AG	+0.0207	s	GCVS 2009	-Ir	44	16)
V1102 Her	55357.4478	.0028	AG	+0.0048	s	GCVS 2009	-Ir	33	16)
WY Hya	54842.4442	.0002	RAT RCR	+0.0271		GCVS 2009	-U-I	77	4)
AV Hya	55294.3942	.0030	WTR	-0.0922	s	GCVS 2009	-Ir	84	12)
	55295.4178	.0147	AG	-0.0937		GCVS 2009	-Ir	61	16)
SW Lac	55352.4551	.0021	PGL	+0.0567		GCVS 2009	V	389	15)
EK Lac	55155.3016	.0012	JU	-0.0036		GCVS 2009	o	97	5)
IU Lac	55309.4688	.0036	AG	+0.0131		GCVS 2009	-Ir	46	16)
LY Lac	55358.4766	.0058	AG	+0.2308		GCVS 2009	-Ir	49	16)
LZ Lac	55358.5161	.0034	AG	+0.3248	s	GCVS 09	-Ir	49	16)
MZ Lac	55358.4188	.0050	AG	+0.2806	s	GCVS 2009	-Ir	49	16)
OS Lac	55358.4804	.0045	AG	+0.3179	s	GCVS 2009	-Ir	49	16)
PP Lac	55358.4873	.0017	AG	-0.0546		GCVS 2009	-Ir	49	16)
V345 Lac	55358.5430	.0018	AG	-1.0276	s	GCVS 2009	-Ir	49	16)
V441 Lac	55309.5174	.0046	AG	-0.0788		IBVS 5024	-Ir	46	16)
Y Leo	55293.3871	.0001	WTR	-0.0162		GCVS 2009	-Ir	76	12)
UV Leo	55258.4357	.0035	PGL	+0.0035	s	IBVS 5338	V	231	18)
	55259.3360	.0014	PGL	+0.0036		IBVS 5338	V	225	18)
	55304.3427	.0003	DIE	+0.0038		IBVS 5338	o	31	11)
	55310.3443	.0008	DIE	+0.0046		IBVS 5338	o	22	11)
UZ Leo	55305.4238	.0008	JU	-0.0979	s	GCVS 2009	o	80	5)
XX Leo	55289.4971	.0016	AG	-0.0124		GCVS 2009	-Ir	51	16)
XY Leo	55289.3881	.0009	AG	+0.0514	s	GCVS 2009	-Ir	51	16)
AL Leo	55289.4659	.0019	AG	+0.0126	s	IBVS 3401	-Ir	51	16)
AM Leo	54842.5359	.0001	RAT RCR	+0.0096	s	GCVS 2009	-U-I	110	4)
	55280.3959	.0005	ALH	+0.0101	s	GCVS 2009	V	406	8)
	55280.3964	.0030	AG	+0.0106	s	GCVS 2009	-Ir	105	16)
	55280.5787	.0027	AG	+0.0100		GCVS 2009	-Ir	105	16)
AP Leo	54924.3738	.0001	RAT RCR	-0.0345		GCVS 2009	-U-I	89	4)
GU Leo	55289.4694	.0009	AG	+0.0759		GCVS 2009	-Ir	51	16)
GV Leo	55289.3487	.0008	AG	+0.0485	s	GCVS 2009	-Ir	51	16)
	55289.4810	.0010	AG	+0.0474		GCVS 2009	-Ir	51	16)
HI Leo	54923.3602	.0001	RAT RCR	+0.0011		GCVS 2009	-U-I	80	4)
T LMi	55275.3070	.0025	AG	-0.1048		GCVS 2009	-Ir	69	16)
RT LMi	55275.3480	.0041	AG	-0.0074	s	GCVS 2009	-Ir	65	16)
RZ Lyn	55309.3715	.0043	JU	-0.1195		GCVS 2009	o	53	5)
SW Lyn	55280.3770	.0063	AG	+0.0642	s	GCVS 2009	V	45	16)
TY Lyn	55280.3812	.0039	AG	+0.0583		GCVS 2009	V	50	16)
	55306.3755	.0057	JU	+0.0627		GCVS 2009	o	38	5)
UU Lyn	55311.3646	.0021	PGL	-0.0083		GCVS 2009	o	589	15)
UV Lyn	54931.3959	.0002	RAT RCR	+0.0706	s	GCVS 2009	-U-I	47	4)
BG Lyn	55280.4776	.0024	AG				V	44	16)
DZ Lyn	55280.5114	.0031	AG	-0.0098		GCVS 2009	V	48	16)
DT Lyr	55263.6462	.0002	MS FR	+0.1265		GCVS 2009	o	234	9)
EW Lyr	54980.5222	.0001	RAT RCR	+0.2386		GCVS 2009	-U-I	148	4)
	55062.3691	.0001	RAT RCR	+0.2391		GCVS 2009	-U-I	100	20)
	55101.3436	.0001	RAT RCR	+0.2391		GCVS 2009	-U-I	71	4)
FL Lyr	55068.4855	.0001	RAT RCR	-0.0022	s	GCVS 09	-U-I	214	20)
V380 Mon	55263.372	.001	MS FR	-0.092		GCVS 2009	o	256	9)
V449 Oph	54976.4979	.0001	RAT RCR	+0.0879		GCVS 2009	-U-I	135	4)
V506 Oph	54953.5501	.0002	RAT RCR	+0.0299		GCVS 2009	-U-I	124	4)
	54970.5167	.0003	RAT RCR	+0.0297		GCVS 2009	-U-I	133	4)

Table 1: (cont.)

Variable	HJD 24.....	$\pm$	Obs	$O - C$	Bibliography	Fil	n	Rem
CQ Ori	55263.3486	.0023	AG	-0.0028	GCVS 2009	-Ir	19	16)
FH Ori	55192.3715	.0002	RAT RCR	-0.3612	GCVS 2009	-U-I	137	20)
FK Ori	54857.2647	.0002	RAT RCR	-0.0039	GCVS 2009	-U-I	62	4)
V392 Ori	55244.2859	.0016	AG	+0.0018	GCVS 2009	-Ir	21	16)
V647 Ori	54847.3334	.0002	RAT RCR	-0.2505	GCVS 2009	-U-I	99	4)
VW Peg	55386.4945	.0001	FR	+0.0013	BAVM 129	-Ir	49	16)
V404 Peg	55386.4555	.0004	FR	-0.0767	s GCVS 2009	-Ir	53	16)
KW Per	55192.3904	.0001	WN	+0.0120	GCVS 2009	V	175	13)
UZ Sge	55012.4607	.0002	RAT RCR	+0.0715	GCVS 2009	-U-I	113	4)
V365 Sge	55352.5146	.0009	AG	-0.0494	GCVS 2009	-Ir	27	16)
AU Ser	54959.4289	.0002	RAT RCR	+0.0926	GCVS 2009	-U-I	56	4)
	55309.4045	.0005	FR	+0.0917	s GCVS 2009	-Ir	42	10)
	55309.5937	.0024	FR	+0.0876	GCVS 2009	-Ir	42	10)
V384 Ser	55049.3857	.0005	FR	-0.0027	s GCVS 2009	-Ir	47	16)
	55293.3921	.0081	FR	-0.0022	s GCVS 2009	-Ir	86	16)
	55293.5257	.0002	FR	-0.0030	GCVS 2009	-Ir	86	16)
	55304.4085	.0002	FR	-0.0037	s GCVS 2009	-Ir	97	16)
	55304.5437	.0003	FR	-0.0029	GCVS 2009	-Ir	97	16)
	55309.5149	.0002	FR	-0.0032	s GCVS 2009	-Ir	77	16)
	55376.4290	.0005	FR	-0.0026	s GCVS 2009	-Ir	45	16)
	55397.5233	.0004	FR	-0.0035	GCVS 2009	-Ir	57	16)
Y Sex	54838.5180	.0002	RAT RCR	-0.0024	s BAVR 32,36	-U-I	117	4)
SV Tau	55295.3594	.0014	FR	-0.0196	GCVS 2009	-Ir	35	10)
CT Tau	55295.3993	.0006	FR	-0.0535	GCVS 2009	-Ir	41	10)
EQ Tau	55175.4577	.0017	AG	-0.0245	s GCVS 2009	-Ir	29	16)
	55175.4584	.0006	AG	-0.0238	s GCVS 2009	B	24	16)
	55175.4594	.0004	AG	-0.0228	s GCVS 2009	V	25	16)
	55175.4594	.0006	AG	-0.0228	s GCVS 2009	R	27	16)
	55175.6270	.0001	AG	-0.0259	GCVS 2009	R	27	16)
	55175.6286	.0010	AG	-0.0243	GCVS 2009	-Ir	29	16)
GR Tau	55175.3803	.0007	AG	-0.0387	BAVR 35,1	B	25	16)
	55175.3806	.0010	AG	-0.0384	BAVR 35,1	V	26	16)
	55175.3809	.0014	AG	-0.0381	BAVR 35,1	R	28	16)
	55175.6103	.0047	AG	-0.0236	s BAVR 35,1	R	28	16)
V781 Tau	55295.3980	.0015	FR	-0.0435	s GCVS 2009	-Ir	53	10)
V1123 Tau	55175.3162	.0003	AG			R	23	16)
	55175.3181	.0002	AG			B	23	16)
	55175.5120	.0035	AG			V	21	16)
	55175.5154	.0015	AG			B	23	16)
	55175.5169	.0024	AG			R	23	16)
V1128 Tau	54847.2324	.0001	RAT RCR			-U-I	50	4)
V1239 Tau	54866.2421	.0004	AG	-0.0411	GCVS 2009	-Ir	56	16)
RV Tri	54841.3784	.0001	RAT RCR	-0.0298	GCVS 2009	-U-I	50	4)
W UMa	55289.3574	.0014	PGL	-0.0089	BAVR 44,156	V	321	18)
TY UMa	55304.4310	.0010	JU	-0.0701	GCVS 2009	o	76	5)
	55311.3434	.0010	AG	-0.0712	s GCVS 2009	-Ir	140	16)
	55311.5221	.0010	AG	-0.0697	GCVS 2009	-Ir	140	16)
VV UMa	55311.4425	.0008	JU	-0.0487	GCVS 2009	o	65	5)
XY UMa	55314.4367	.0010	JU	+0.0412	s GCVS 2009	o	57	5)
AA UMa	55279.3419	.0008	JU	+0.0384	GCVS 2009	o	56	5)
BM UMa	55311.3789	.0022	AG	+0.0095	s GCVS 2009	-Ir	35	16)
	55311.5149	.0017	AG	+0.0099	GCVS 2009	-Ir	35	16)
BS UMa	55311.4543	.0015	AG	-0.0494	GCVS 2009	-Ir	35	16)
DW UMa	55260.3360	.0004	JU			o	60	5)
KM UMa	54921.3559	.0001	RAT RCR			-U-I	100	4)
	54931.5603	.0001	RAT RCR			-U-I	145	4)
LP UMa	55260.3514	.0011	JU			o	60	5)
MQ UMa	55311.5753	.0025	AG	+0.0748	s GCVS 2009	-Ir	35	16)
MS UMa	54922.3604	.0002	RAT RCR	+0.0327	s GCVS 2009	-U-I	97	4)
W UMi	54924.5153	.0002	RAT RCR	-0.1627	GCVS 2009	-U-I	170	4)
	55397.4324	.0010	JU	-0.1674	GCVS 2009	o	48	5)



Table 1: (cont.)

Variable	HJD 24.....	$\pm$	Obs	$O - C$	Bibliography	Fil	n	Rem
RU UMi	54857.5335	.0001	RAT RCR	-0.0131	GCVS 2009	-U-I	196	4)
	55307.3947	.0003	JU	-0.0136	GCVS 2009	o	64	5)
VY UMi	54921.5234	.0001	RAT RCR			-U-I	165	4)
AW Vir	54942.3692	.0001	RAT RCR	+0.0217	GCVS 2009	-U-I	59	4)
CG Vir	54923.5075	.0001	RAT RCR	+0.1498	s GCVS 2009	-U-I	127	4)
AW Vul	55393.5121	.0003	FR	-0.0151	GCVS 2009	-Ir	59	16)
BB Vul	55340.5546	.0007	SIR			o	105	7)
	55379.5190	.0007	SIR			-Ir	90	7)
	55380.4580	.0007	SIR			-Ir	68	7)
IW Vul	55352.5175	.0006	FR	-0.0525	s GCVS 2009	-Ir	28	16)
GSC 00238-00793	53446.3610	.0008	AG	-0.0003	s PZP 10.4	-Ir	45	4)
	53446.5200	.0017	AG	-0.0021	PZP 10.4	-Ir	45	4)
	55295.4350	.0122	AG	+0.0003	PZP 10.4	-Ir	79	16)
GSC 00434-03766	54655.3865	.0006	AG			-Ir	65	16)
GSC 02016-00444	54933.3687	.0015	AG			-Ir	41	16)
	54933.5258	.0019	AG			-Ir	41	16)
	54968.5109	.0020	AG			-Ir	37	16)
	55315.4968	.0186	AG			-Ir	50	16)
GSC 02038-00293	55293.4393	.0019	FR	+0.0041	BAVM 177	-Ir	49	16)
	55304.3375	.0031	FR	+0.0033	BAVM 177	-Ir	57	16)
	55309.5682	.0038	FR	+0.0322	s BAVM 177	-Ir	45	16)
	55311.5690	.0040	FR	+0.0514	s BAVM 177	-Ir	49	16)
	55376.4469	.0028	FR	+0.0305	s BAVM 177	-Ir	27	16)
	55397.4739	.0021	FR	+0.0026	BAVM 177	-Ir	35	16)
GSC 02135-02603	55074.3446	.0003	FR			-Ir	90	16)
	55074.5255	.0006	FR			-Ir	90	16)
	55380.3878	.0006	FR			-Ir	131	16)
	55380.5666	.0002	FR			-Ir	131	16)
	55385.4559	.0007	FR			-Ir	35	16)
	55387.4459	.0003	FR			-Ir	46	16)
GSC 02161-01310	55393.4581	.0008	FR			-Ir	36	16)
GSC 02177-00626	55393.4387	.0003	FR			-Ir	49	16)
GSC 02484-00139	54175.3569	.0004	AG			-Ir	45	4)
	54175.4935	.0001	AG			-Ir	45	4)
	54535.4245	.0008	AG			-Ir	27	4)
GSC 02537-00520	55315.4017	.0027	AG			-Ir	59	16)
GSC 02569-00553	55281.6266	.0050	AG	-0.0240	PZP 10.4	-Ir	60	16)
	55316.5059	.0072	AG	-0.0221	PZP 10.4	-Ir	56	16)
GSC 02610-00088	54947.4063	.0028	AG			-Ir	36	16)
GSC 02673-02495	52901.4353	.0243	AG	-0.0091	s PZP 10.4	-Ir	33	4)
	53637.4018	.0038	AG	-0.0044	PZP 10.4	-Ir	18	4)
	55375.4771	.0123	AG	+0.0464	s PZP 10.4	-Ir	30	16)
GSC 03187-01564	53259.4349	.0033	AG			o	26	4)
GSC 03210-01456	55041.4122	.0005	AG			-Ir	41	16)
	55051.4680	.0022	AG			-Ir	52	16)
	55062.4498	.0007	AG			-Ir	88	16)
	55095.3968	.0004	AG			-Ir	44	16)
	55095.5825	.0008	AG			-Ir	44	16)
	55357.4920	.0009	AG			-Ir	17	16)
GSC 03575-06239	55372.5183	.0036	AG	+0.0317	s PZP 10.4	-Ir	33	16)
GSC 03618-00162	52505.3983	.0013	AG	+0.0049	PZP 10.4	-Ir	22	4)
	52505.5185	.0007	AG	+0.0047	s PZP 10.4	-Ir	22	4)
	52506.4727	.0171	AG	-0.0039	s PZP 10.4	-Ir	19	4)
GSC 03618-00448	52505.4122	.0010	AG	+0.0063	s PZP 10.4	-Ir	22	4)
	53222.4903	.0026	AG	-0.0063	s PZP 10.4	-Ir	22	4)
GSC 03619-00047	54712.4962	.0021	AG	-0.0013	s PZP 10.4	-Ir	38	16)
	54738.4341	.0061	AG	-0.0055	PZP 10.4	-Ir	67	16)
GSC 03619-00715	53233.4371	.0080	AG			-Ir	18	4)
	53259.3909	.0023	AG			-Ir	19	4)
GSC 03688-01184	53651.3558	.0109	AG	-0.0004	PZP 10.4	-Ir	44	4)
	53651.5369	.0073	AG	+0.0010	s PZP 10.4	-Ir	44	4)

Table 1: (cont.)

Variable	HJD 24.....	$\pm$	Obs	$O - C$	Bibliography	Fil	n	Rem	
GSC 04009-00670	55049.4826	.0265	AG	+0.0046	PZP 10.4	-Ir	37	16)	
	55067.3938	.0060	AG	-0.0014	PZP 10.4	-Ir	33	16)	
	55074.3908	.0160	AG	-0.0034	s PZP 10.4	-Ir	40	16)	
GSC 04339-01166	54834.5872	.0014	AG			-Ir	169	16)	
	55102.4011	.0021	AG			-Ir	119	16)	
GSC 04502-01040	55083.3455	.0019	AG	+0.0362	s IBVS 5700 No.60	-Ir	79	16)	
	55083.4846	.0015	AG	+0.0401	IBVS 5700 No.60	-Ir	79	16)	
U-A2 1125-18642389	50671.5185	.0047	AG			-Ir	32	4)	
	51035.4617	.0060	AG			-Ir	33	4)	
	51390.4017	.0044	AG			-Ir	28	4)	
	51413.5036	.0039	AG			-Ir	21	4)	
U-A2 1200-11760524	53992.3220	.0022	AG			-Ir	29	4)	
	55376.5450	.0008	AG			-Ir	31	16)	
U-A2 1200-12680286	55060.4684	.0014	AG	-0.0137	s IBVS 5700 No.73	-Ir	35	16)	
	55076.3403	.0013	AG	-0.0141	s IBVS 5700 No.73	-Ir	18	16)	
	55084.4735	.0006	FR	-0.0154	IBVS 5700 No.73	-Ir	60	16)	
	55103.3221	.0006	AG	-0.0152	s IBVS 5700 No.73	-Ir	22	16)	
U-A2 1275-15124020	55074.5424	.0004	AG	-0.0017	IBVS 5700 No.72	-Ir	36	16)	
	55372.4619	.0032	AG	-0.0005	IBVS 5700 No.72	-Ir	33	16)	
U-A2 1275-15134722	55074.3953	.0024	AG	+0.0049	IBVS 5700 No.71	-Ir	36	16)	
U-A2 1425-02081650	52135.4627	.0012	AG	+0.0041	s IBVS 5700 No.65	o	25	4)	
	53382.3901	.0005	AG	+0.0020	s IBVS 5700 No.65	-Ir	47	4)	
	53388.3683	.0017	AG	-0.0007	IBVS 5700 No.65	-Ir	44	4)	
	53388.5297	.0018	AG	-0.0009	s IBVS 5700 No.65	-Ir	44	4)	
	53409.3823	.0013	AG	-0.0005	IBVS 5700 No.65	-Ir	32	4)	
	53716.3454	.0005	AG	-0.0013	s IBVS 5700 No.65	-Ir	114	4)	
	53716.5052	.0003	AG	-0.0032	IBVS 5700 No.65	-Ir	114	4)	
	53716.6642	.0003	AG	-0.0058	s IBVS 5700 No.65	-Ir	114	4)	
	55141.3818	.0010	AG	-0.0272	s IBVS 5700 No.65	-Ir	63	16)	
	55141.5407	.0014	AG	-0.0300	IBVS 5700 No.65	-Ir	63	16)	
	U-A2 1500-01208912	55081.3660	.0015	AG	+0.0106	s IBVS 5900 No.6	-Ir	46	16)
		55081.5111	.0020	AG	+0.0046	IBVS 5900 No.6	-Ir	46	16)
55154.3535		.0035	AG	+0.0071	IBVS 5900 No.6	-Ir	45	16)	
55154.5073		.0023	AG	+0.0098	s IBVS 5900 No.6	-Ir	45	16)	
U-B1 0903-0102370	54840.3678	.0008	AG			-Ir	63	16)	
	54840.5116	.0006	AG			-Ir	63	16)	
	54866.3356	.0012	AG			-Ir	59	16)	
	54866.4803	.0012	AG			-Ir	59	16)	
U-B1 1031-0151441	54856.5126	.0006	AG			-Ir	59	16)	
	55244.2802	.0003	AG			-Ir	14	16)	
U-B1 1041-0581206	55263.4448	.0035	AG			-Ir	23	16)	
	53966.5033	.0039	AG	-0.0020	PZP 10.4	-Ir	21	4)	
	54001.3848	.0013	AG	+0.0008	PZP 10.4	-Ir	25	4)	
	54003.3218	.0005	AG	+0.0001	s PZP 10.4	-Ir	38	4)	
	54327.4722	.0019	AG	+0.0001	PZP 10.4	-Ir	40	4)	
U-B1 1092-0472807	54663.5244	.0007	AG	-0.0011	PZP 10.4	-Ir	43	16)	
	53566.4031	.0038	AG			-Ir	23	4)	
	53900.4360	.0037	AG			-Ir	19	4)	
	54023.3528	.0055	AG			-Ir	18	4)	
U-B1 1135-0102876	54508.3948	.0008	AG			-Ir	68	4)	
	54857.2597	.0007	AG			-Ir	55	16)	
	54857.4229	.0004	AG			-Ir	55	16)	
	54857.5847	.0021	AG			-Ir	55	16)	
U-B1 1179-0155111	54148.3648	.0033	AG			-Ir	30	4)	
U-B1 1183-0597128	52929.4712	.0090	AG	+0.0010	PZP 10.4	-Ir	23	4)	
	53217.5065	.0024	AG	+0.0040	s PZP 10.4	o	18	4)	
	53251.4815	.0004	AG	+0.0060	PZP 10.4	o	29	4)	
	53254.4306	.0037	AG	+0.0009	PZP 10.4	o	20	4)	
	53257.3853	.0023	AG	+0.0014	PZP 10.4	o	24	4)	
	53282.4961	.0024	AG	+0.0017	s PZP 10.4	-Ir	22	4)	
	53601.5458	.0018	AG	+0.0003	s PZP 10.4	-Ir	30	4)	

Table 1: (cont.)

Variable	HJD 24.....	$\pm$	Obs	$O - C$		Bibliography	Fil	n	Rem
U-B1 1183-0597128	53607.4546	.0011	AG	+0.0008	s	PZP 10.4	-Ir	26	4)
	53613.3642	.0012	AG	+0.0020	s	PZP 10.4	-Ir	31	4)
	53966.3856	.0026	AG	-0.0007		PZP 10.4	-Ir	23	4)
U-B1 1206-0055028	54034.5913	.0144	AG	+0.0078		PZP 10.4	-Ir	30	4)
	54055.4660	.0143	AG	+0.0080		PZP 10.4	-Ir	49	4)
U-B1 1257-0092393	53386.3968	.0021	AG	+0.0012		PZP 10.4	-Ir	38	4)
	53387.4385	.0018	AG	+0.0007		PZP 10.4	-Ir	61	4)
	53388.4796	.0006	AG	-0.0004		PZP 10.4	V	38	4)
	53410.3650	.0038	AG	-0.0015		PZP 10.4	V	27	4)
	54085.4535	.0001	AG	-0.0058	s	PZP 10.4	-Ir	36	4)
	54085.7200	.0009	AG	+0.0001		PZP 10.4	-Ir	36	4)
U-B1 1316-0383362	54115.4229	.0012	AG	+0.0000		PZP 10.4	-Ir	45	4)
	54697.4063	.0009	AG				-Ir	62	16)
	54697.5716	.0015	AG				-Ir	62	16)
	54707.3635	.0011	AG				-Ir	22	16)
	5073.4607	.0008	AG				-Ir	49	16)
U-B1 1332-0399848	54697.4374	.0005	AG				-Ir	59	16)
	54697.5617	.0007	AG				-Ir	59	16)
U-B1 1362-0458803	55071.3623	.0019	AG				-Ir	42	16)
	55081.4520	.0029	AG				-Ir	54	16)
U-B1 1383-0445772	55042.4188	.0024	AG				-Ir	35	16)
	55042.5528	.0005	AG				-Ir	35	16)
U-B1 1398-0469064	54024.2965	.0053	AG	-0.0010	s	PZP 10.4	-Ir	34	4)
	54024.4616	.0061	AG	+0.0015		PZP 10.4	-Ir	34	4)
	54663.4997	.0073	AG	+0.0000		PZP 10.4	-Ir	23	16)
U-B1 1400-0455467	55098.5329	.0020	AG				-Ir	22	16)
U-B1 1416-0454010	53932.4514	.0016	AG				-Ir	24	4)
	54035.4035	.0042	AG				-Ir	35	4)
	54035.5588	.0026	AG				-Ir	35	4)
	54080.3789	.0025	AG				-Ir	46	4)
	54712.3648	.0013	AG				-Ir	38	16)
	54712.5224	.0015	AG				-Ir	38	16)
	54738.3812	.0010	AG				-Ir	67	16)
	54738.5365	.0013	AG				-Ir	67	16)
55108.5163	.0023	AG				-Ir	44	16)	
55141.4228	.0006	FR				-Ir	98	16)	
U-B1 1440-0411990	55068.4477	.0032	AG	-0.0513	s	IBVS 5700 No.54	-Ir	45	16)
U-B1 1441-0441871	54798.3702	.0017	AG				-Ir	33	16)
	55039.4762	.0008	AG				-Ir	31	16)
	55141.4018	.0019	AG				-Ir	50	16)
	55141.5731	.0010	AG				-Ir	50	16)
U-B1 1447-0060874	53651.5124	.0042	AG	-0.0006		PZP 10.4	-Ir	45	4)
	53654.6208	.0018	AG	-0.0092		PZP 10.4	-Ir	50	4)
	54056.4053	.0011	AG	-0.0021	s	PZP 10.4	-Ir	21	4)
	54115.3204	.0034	AG	+0.0023		PZP 10.4	-Ir	49	4)
	54815.3947	.0017	AG	+0.0051		PZP 10.4	-Ir	59	16)
	54829.4141	.0030	AG	-0.0019	s	PZP 10.4	-Ir	48	16)
	55141.4220	.0027	AG	-0.0027		PZP 10.4	-Ir	63	16)
U-B1 1492-0009970	54830.3796	.0012	AG				-Ir	130	16)
	54830.5307	.0015	AG				-Ir	129	16)
	55029.4963	.0009	AG				-Ir	44	16)
U-B1 1500-0005759	55058.3653	.0018	AG	+0.1020		AJ 133.1470	-Ir	54	16)
	55096.6090	.0032	AG	+0.1176	s	AJ 133.1470	-Ir	48	16)
U-B1 1503-0282065	55045.4938	.0004	AG				-Ir	61	16)
U-B1 1505-0372164	54684.4375	.0008	AG				-Ir	60	16)
	54718.3715	.0009	AG				-Ir	63	16)
	54718.5284	.0003	AG				-Ir	62	16)
	55058.5097	.0010	AG				-Ir	50	16)
U-B1 1508-0029126	55029.4660	.0004	AG	+0.0001		IBVS 5900 No.5	-Ir	43	16)
	55096.4069	.0011	AG	+0.0011	s	IBVS 5900 No.5	-Ir	48	16)
	55096.5655	.0009	AG	+0.0007		IBVS 5900 No.5	-Ir	48	16)

Table 1: (cont.)

Variable	HJD 24.....	$\pm$	Obs	$O - C$	Bibliography	Fil	n	Rem
U-B1 1508-0029126	55108.3303	.0013	AG	-0.0006	IBVS 5900 No.5	-Ir	46	16)
	55108.4895	.0014	AG	-0.0004		s	-Ir	46
	55374.5020	.0022	AG	+0.0017	IBVS 5900 No.5	-Ir	38	16)
U-B1 1514-0040346	53671.4614	.0189	AG			-Ir	25	4)
	54388.3730	.0020	AG			-Ir	40	4)
	54388.6077	.0021	AG			-Ir	40	4)
	55081.4766	.0026	AG			-Ir	46	16)
	55081.4766	.0026	AG			-Ir	46	16)
	55154.3110	.0030	AG			-Ir	45	16)
	55154.3110	.0030	AG			-Ir	45	16)
	55154.5402	.0025	AG			-Ir	45	16)
	55154.5402	.0025	AG			-Ir	45	16)

Table 2: Times of maxima of pulsating stars

Variable	HJD 24.....	$\pm$	Obs	$O - C$	Bibliography	Fil	n	Rem
GP And	55101.288	.000	DIE	+0.004	GCVS 2009	o	36	19)
	55102.312	.001	DIE	+0.005	GCVS 2009	o	93	19)
	55102.391	.001	DIE	+0.005	GCVS 2009	o	93	19)
	55185.3214	.0004	WN	+0.0043	GCVS 2009	V	202	13)
	55185.4002	.0007	WN	+0.0044	GCVS 2009	V	202	13)
	55194.3704	.0014	WN	+0.0048	GCVS 2009	V	65	13)
WY Ant	55244.2546	.0060	WN	+0.0041	GCVS 2009	V	58	13)
	54973.3600	.0020	HND	+0.0030	GCVS 2009	o	44	7)
CY Aqr	54992.3150	.0030	HND	+0.0048	GCVS 2009	o	46	7)
	55063.4284	.0003	RDL	-0.0023	GCVS 2009	o	111	14)
V378 Aur	55063.4918	.0001	RDL	+0.0000	GCVS 2009	o	111	14)
	55307.3543	.0030	MZ			-Ir	140	5) 1)
	55308.3619	.0050	MZ			-Ir	73	5)
SV Boo	55311.3761	.0030	MZ			-Ir	234	5) 1)
	55378.4597	.0010	MZ	+0.0049	GCVS 2009	-Ir	92	5)
TV Boo	55294.486	.001	AG	+0.081	GCVS 2009	-Ir	152	16)
UU Boo	55316.422	.001	AG	+0.228	GCVS 2009	-Ir	56	16)
	55353.4305	.0035	PGL	+0.2261	GCVS 2009	V	147	15)
UY Boo	55311.5195	.0028	PGL	+0.0049	BAVR 48,121	o	304	15)
	55311.5200	.0035	PGL	+0.0054	BAVR 48,121	o	306	15)
VY Boo	55309.4440	.0020	MZ			-Ir	134	5)
WW Boo	55315.560	.001	AG	+0.144	GCVS 2009	-Ir	50	16)
	55353.4187	.0009	MZ	+0.1403	GCVS 2009	-Ir	100	5)
AE Boo	55311.3750	.0040	FR	+0.0921	GCVS 2009	-Ir	97	10)
AY Boo	55294.336	.001	AG	+0.099	GCVS 2009	-Ir	63	16)
CM Boo	55310.369	.001	AG	-0.114	GCVS 2009	-Ir	36	16)
CQ Boo	55311.4878	.0035	PGL	-0.0550	BAVR 48,189	V	291	18)
	55339.3934	.0020	MZ	-0.0559	BAVR 48,189	-Ir	107	5)
	55339.4188	.0020	MZ	-0.0305	BAVR 48,189	-Ir	107	5)
	55352.4728	.0028	PGL	-0.0010	IBVS 2855	V	225	18)
	55263.531	.001	AG	+0.072	BAVR 49,41	-Ir	62	16)
CS Boo	55263.322	.002	SB	+0.184	GCVS 2009	V	145	17)
SX Cnc	55265.360	.003	SB	+0.181	GCVS 2009	V	109	17)
	55275.351	.001	AG			-Ir	18	16)
EF Cnc	55275.486	.001	AG			-Ir	27	16)
RU CVn	55315.410	.001	AG	+0.003	BAVR 52.89	-Ir	61	16)
RZ CVn	55315.403	.001	AG	+0.146	BAVR 48,189	-Ir	61	16)
SS CVn	55294.424	.001	AG	+0.156	GCVS 2009	-Ir	154	16)
RZ Cep	53620.3343	.0005	SG	+0.0852	GCVS 2009	-IrV	68	6) 2)
	53620.3641	.0003	SG	+0.1150	GCVS 2009	-IrV	68	6) 2)
	55382.4473	.0030	MZ	-0.0862	GCVS 2009	-Ir	109	5) 3)
S Com	55310.510	.001	AG	+0.012	SAC Vol.73	-Ir	40	16)

Table 2: (cont.)

Variable	HJD 24.....	$\pm$	Obs	$O - C$	Bibliography	Fil	n	Rem
U Com	55310.513	.001	AG	+0.007	BAVR 49,41	-Ir	40	(16)
AG Com	55310.403	.002	AG	-0.007	GCVS 2009	-Ir	40	(16)
SU CrB	55340.433	.001	AG	+0.016	GCVS 2009	-Ir	25	(16)
TV CrB	55281.424	.001	AG	+0.002	BAVR 49,105	-Ir	58	(16)
VX CrB	55067.3666	.0003	RAT RCR			-U-I	106	(20)
XX Cyg	55125.2500	.0015	WN	+0.0021	GCVS 2009	V	102	(13)
	55130.2419	.0008	WN	+0.0040	GCVS 2009	V	71	(13)
CD Del	55377.534	.005	AG	-0.014	GCVS 2009	-Ir	25	(16)
CH Del	55377.468	.005	AG	+0.067	GCVS 2009	-Ir	28	(16)
AV Dra	55357.439	.003	AG	+0.052	GCVS 2009	-Ir	34	(16)
BK Dra	55350.4329	.0021	PGL	+0.0700	BAVR 46,1	V	122	(18)
DD Dra	55353.421	.001	AG	-0.009	BAVR 49,6	-Ir	120	(16)
RR Gem	55223.3195	.0021	PGL	-0.0117	BAVR 47,67	V	316	(18)
GU Gem	54858.428	.004	FR	-0.116	GCVS 2009	-Ir	44	(16)
AR Her	55294.4135	.0021	PGL	+0.0301	BAVR 52,3	V	235	(18)
	55311.3766	.0028	PGL	+0.0738	BAVR 52,3	V	311	(18)
	55387.4901	.0035	PGL	+0.0498	BAVR 52,3	V	303	(15)
	55388.4214	.0021	PGL	+0.0411	BAVR 52,3	V	228	(15)
	55394.5183	.0035	PGL	+0.0283	BAVR 52,3	V	371	(15)
GS Her	55372.513	.002	AG	-0.054	GCVS 2009	-Ir	32	(16)
GZ Her	55340.461	.001	AG	-0.100	GCVS 2009	-Ir	26	(16)
HN Her	55372.525	.001	AG	-0.158	GCVS 2009	-Ir	32	(16)
HP Her	55372.409	.001	AG	-0.027	GCVS 2009	-Ir	32	(16)
LN Her	55374.414	.003	AG			-Ir	35	(16)
V633 Her	55337.4305	.0010	MZ	-0.0544	GCVS 2009	-Ir	92	(5)
CZ Lac	55130.3324	.0010	WN	-0.1491	BAVR 53,12	V	114	(13)
	55155.3811	.0019	WN	-0.1671	BAVR 53,12	V	170	(13)
	55185.2065	.0040	WN	-0.1624	BAVR 53,12	V	75	(13)
	55194.2819	.0023	WN	-0.1629	BAVR 53,12	V	197	(13)
RR Leo	55294.3323	.0014	PGL	+0.0049	A&A 476.307 2007	V	108	(18)
SZ Leo	55280.555	.002	AG	-0.171	BAVR 49,105	-Ir	105	(16)
WW Leo	55295.376	.001	AG	+0.038	GCVS 2009	-Ir	68	(16)
AQ Leo	55280.553	.001	AG	+0.099	GCVS 2009	-Ir	100	(16)
BS Leo	55265.4598	.0030	MZ	-0.0037	GCVS 2009	-Ir	83	(5)
CM Leo	55293.3718	.0030	MZ	-0.0022	GCVS 2009	-Ir	135	(5)
	55310.3679	.0020	MZ	-0.0075	GCVS 2009	-Ir	108	(5)
DM Leo	55288.4021	.0040	MZ			-Ir	151	(5)
	55297.3883	.0040	MZ			-Ir	92	(5)
	55306.3746	.0040	MZ			-Ir	70	(5)
SZ Lyn	55303.4269	.0023	WN	+0.0303	GCVS 2009	V	92	(13)
TW Lyn	55280.352	.001	AG	+0.058	GCVS 2009	-Ir	51	(16)
AN Lyn	55311.4327	.0021	PGL			o	290	(15)
BE Lyn	55304.3341	.0015	WN			V	70	(13)
	55306.3510	.0014	PGL			o	707	(15)
	55310.3759	.0009	WN			V	110	(13)
CN Lyr	55353.4226	.0069	PGL	-0.0067	A&A 476.307 2007	V	432	(15)
DD Lyr	55375.4231	.0010	MZ	-0.1603	GCVS 2009	-Ir	98	(5)
EX Lyr	55384.4592	.0040	MZ	-0.0794	GCVS 2009	-Ir	94	(5)
DY Peg	55185.2524	.0006	WN	-0.0101	GCVS 2009	V	55	(13)
	55189.1908	.0027	WN	-0.0097	GCVS 2009	V	41	(13)
	55192.1799	.0008	WN	-0.0106	GCVS 2009	V	172	(13)
	55192.2538	.0013	WN	-0.0096	GCVS 2009	V	172	(13)
	55378.5066	.0021	PGL	-0.0105	GCVS 2009	V	106	(15)
AR Per	55225.3287	.0021	PGL	+0.0584	GCVS 2009	V	229	(18)
	55265.3305	.0008	WN	+0.0585	GCVS 2009	V	58	(13)
V378 Per	55265.3369	.0010	MZ	+0.0922	GCVS 2009	-Ir	90	(5)
BH Ser	55340.4154	.0010	MZ	+0.1028	GCVS 2009	-Ir	100	(5)
TU UMa	55258.3266	.0035	PGL	-0.0346	GCVS 2009	V	299	(18)
	55293.4597	.0005	QU	-0.0340	GCVS 2009	V	112	(6)
	55341.4179	.0017	SCI	-0.0344	GCVS 2009	o	86	(5)

Table 2: (cont.)

Variable	HJD 24.....	$\pm$	Obs	$O - C$	Bibliography	Fil	n	Rem
UU UMa	55311.528	.001	AG	+0.013	GCVS 2009	-Ir	140	16)
UZ UMa	55263.423	.003	AG	+0.003	GCVS 2009	-Ir	60	16)
AE UMa	55259.4108	.0014	PGL	+0.0061	BAVR 48,189	V	306	18)
AE UMa	55293.3826	.0010	ALH	+0.0012	BAVR 48,189	V	94	8)
	55293.4752	.0007	ALH	+0.0078	BAVR 48,189	V	94	8)
	55302.3318	.0009	WN	+0.0046	BAVR 48,189	V	49	13)
	55303.3591	.0014	WN	-0.0003	BAVR 48,189	V	53	13)
	55304.3959	.0007	WN	+0.0043	BAVR 48,189	V	180	13)
	55304.4775	.0010	WN	-0.0001	BAVR 48,189	V	180	13)
	55305.3388	.0007	WN	+0.0010	BAVR 48,189	V	163	13)
	55305.4238	.0014	WN	+0.0000	BAVR 48,189	V	163	13)
	55309.3848	.0008	WN	+0.0042	BAVR 48,189	V	60	13)
	55310.4124	.0019	WN	-0.0004	BAVR 48,189	V	63	13)
	55311.3662	.0007	ALH	+0.0073	BAVR 48,189	V	75	8)
	55311.4488	.0005	ALH	+0.0038	BAVR 48,189	V	75	8)
AX UMa	55311.367	.001	AG	-0.191	GCVS 2009	-Ir	35	16)
MO UMa	55311.443	.001	AG	-0.085	GCVS 2009	-Ir	35	16)
GSC 02671-02149	54697.433	.001	AG			-Ir	38	16)
	54697.551	.001	AG			-Ir	38	16)
GSC 02977-00238	55265.3638	.0009	WN			V	235	13)
	55265.4401	.0010	WN			V	235	13)
	55265.5150	.0022	WN			V	235	13)
	55293.3068	.0010	WN			V	143	13)
	55293.3822	.0011	WN			V	143	13)
	55303.3300	.0008	WN			V	47	13)
	55309.3292	.0010	WN			V	54	13)
GSC 03197-00817	54312.502	.003	AG			-Ir	26	4)
	55032.441	.005	AG			-Ir	44	16)
GSC 03755-00845	55265.2903	.0008	WN			V	53	13)
	55266.2808	.0011	WN			V	166	13)
	55266.3577	.0005	WN			V	166	13)
	55279.2934	.0004	WN			V	111	13)
U-A2 1200-07442272	55281.488	.002	AG			-Ir	55	16)
U-A2 1425-00752967	55074.494	.002	AG	-0.037	IBVS 5700 No.59	-Ir	37	16)
U-B1 1646-0035146	54834.466	.005	AG			-Ir	169	16)

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RCR:	Rätz, K., Herges-Hallenberg
RDL:	Rudolph, E., Jena
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SIR:	Schirmer, J., Willisau (CH)
WN:	Wischniewski, M., Wennigsen
WTR:	Walter, F., München

**Remarks:**

- : uncertain
- s secondary minimum
- 1) assembled from the observations of two nights
- 2) double maximum
- 3) double maxima: time of the second maximum  
CCD-Cameras
- 4) ccd-camera ST-6: chip 375×242 uncoated
- 5) ccd-camera ST-7
- 6) ccd-camera ST-7E
- 7) ccd-camera ST-8XME
- 8) ccd-camera ST-8XMEI: chip KAF1603ME
- 9) ccd-camera ST-9XE: chip 512×512
- 10) ccd-camera OES-LcCCD12
- 11) ccd-camera Pictor 1616XT
- 12) ccd-camera Pictor 416XT
- 13) ccd-camera Meade DSI Pro 2
- 14) ccd-camera Meade 1616XTE
- 15) ccd-camera Artemis 4021
- 16) ccd-camera Sigma 1603
- 17) ccd-camera Sigma 402ME
- 18) ccd-camera AlCCD6c
- 19) ccd-camera Canon EOS 450D
- 20) ccd-camera Moravian G2-1600
- Filter
- o without filter
- B B-filter
- V V-filter
- R R-filter
- Ir -Ir-filter
- U-I -U-Ir-filter
- m multiple filter

**References:**

- A&A Astronomy & Astrophysics
- AJ vv,ppp Astronomical Journal volume, pages
- BAVM nnn BAV Mitteilungen No. nnn
- BAVR vv,ppp BAV Rundbrief volume, pages
- GCVS 2009 General Catalogue of Variable Stars, version: iii.dat 20.11.2009
- IBVS nnnn Information Bulletin on Variable Stars No. nnnn
- PZP vol.n Peremennye Zvezdy Prilozhenie Vol, No.
- SAC vv Rocznik Astronomiczny No. vv, Krakow (SAC)  
Star catalogues
- GSC The HST Guide star Catalogue 1.2
- U-A2 USNO A2.0 catalogue
- U-B1 USNO B1.0 catalogue

