

BBSAG Bulletin 4

1972 August 4

37th List of Minima of Eclipsing Binaries

The following table lists 150 visual minima, namely :

- 1) all obtained by BBSAG members during July 1972 together with an addendum from June (minimum no. 3676)
- 2) the remaining BSS result announced in the heading comment to the 36th list (BBSAG Bulletin 3, page 1) and finally forgotten to include (minimum no. 3727)
- 3) results from the "WAS EB program", of which it has been provisionally agreed that the BBSAG Bulletin publishes the O-C values and the "Willingboro Astronomical Society" all other results

The observers are, correspondingly :

- 1) RD Roger Diethelm, Winterthur
 RG Robert Germann, Wald
 KL Kurt Locher, Grüt-Wetzikon
 HP Hermann Peter, Otelfingen
 FS Felix Schäpper, Bülach
- 2) PC P.R. Clayton, Shipley GB
- 3) DB Dave van Buren, Wageningen NL
 MJ Mikael Jargelius, Johanneshov S

The O-C refer to the linear elements of the GCVS 1969, disregarding improved elements in the 1971 1st supplement to the GCVS. Reductions were made using the tracing paper method by R.Diethelm, R.Germann, J.Isles, K.Locher, and H. Peter.

current no.	star	minimum or-der	JD hel 244...	O-C	observer	current no.	star	minimum or-der	JD hel 244...	O-C	observer
3637	RT And	I	1522.400	0.000	10 KL	3655	DX Aqr	I	1521.551	+0.036	21 KL
3638	AB And	I	1507.463	+0.006	9 RG	3656		I	1522.506	+0.046	18 KL
3639		I	1507.476	+0.019	9 HP	3657	EE Aqr	I	1521.531	+0.012	14 KL
3640		I	1511.462	+0.021	7 KL	3658		I	1522.540	+0.003	16 KL
3641		I	1512.459	+0.023	10 HP	3659	00 Aql	I	1500.396	-0.023	5 KL
3642		I	1513.450	+0.019	8 KL	3660		I	1501.413	-0.033	9 HP
3643		I	1515.424	+0.001	9 RG	3661		I	1503.440	-0.021	10 HP
3644		I	1516.443	+0.025	9 HP	3662		I	1507.495	-0.020	7 KL
3645		II	1516.605	+0.021	11 KL	3663		I	1507.501	-0.013	8 HP
3646		II	1517.602	+0.022	10 KL	3664		I	1512.560	-0.023	12 KL
3647		II	1521.583	+0.021	10 KL	3665		II	1522.458	-0.008	6 KL
3648		I	1522.413	+0.021	7 KL	3666		II	1529.545	-0.015	8 KL
3649		II	1522.573	+0.015	10 KL	3667	V 342 Aql	I	1512.528	+0.005	11 HP
3650		I	1528.390	+0.024	9 KL	3668	V 346 Aql	I	1503.504	-0.002	11 KL
3651	RY Aqr	I	1522.560	-0.062	13 KL	3669		I	1513.467	+0.005	11 KL
3652		I	1528.465	-0.058	11 KL	3670		I	1514.560	-0.009	13 DB
3653	CZ Aqr	I	1522.589	+0.015	12 KL	3671	AD Boo	I	1402.393	+0.049	10 DB
3654	00 Aqr	T	1503.486	+0.029	14 KL	3672		T	1436.516	+0.036	16 MJ

cur- rent no.	star	minimum or- der	JD hel 244...	0 - C	n	ob- ser- ver	cur- rent no.	star	minimum or- der	JD hel 244...	0 - C	n	ob- ser- ver
3673	Y Cam	I	1507.462	+0.060	16	HP	3730		II	1504.506	-0.032	10	KL
3674	SV Cam	I	1513.452	-0.001	6	KL	3731		II	1506.423	-0.040	6	KL
3675	AK Cam	I	1515.446	+0.203	8	HP	3732		II	1507.409	-0.016	9	RG
3676	RZ Cas	I	1487.517	0.000	13	FS	3733		I	1511.407	-0.027	10	KL
3677		I	1511.432	+0.010	6	KL	3734		II	1512.537	-0.020	8	HP
3678	AB Cas	I	1503.416	+0.010	12	HP	3735		II	1513.486	-0.033	6	KL
3679	U Cep	I	1512.532	+0.024	14	HP	3736		II	1515.423	-0.020	9	RG
3680		I	1522.500	+0.017	14	HP	3737		I	1516.544	-0.022	6	KL
3681		I	1522.505	+0.021	10	KL	3738		II	1521.507	-0.030	10	KL
3682	VW Cep	I	1511.469	-0.079	6	KL	3739		II	1522.463	-0.036	7	KL
3683		I	1512.592	-0.069	12	KL	3740		II	1522.470	-0.029	9	HP
3684		II	1513.428	-0.094	8	KL	3741		I	1528.401	-0.032	10	KL
3685		II	1516.502	-0.081	11	KL	3742	VX Lac	I	1507.413	-0.040	9	HP
3686		I	1521.514	-0.053	11	KL	3743		I	1522.454	-0.043	9	HP
3687	ZZ Cep	I	1522.477	+0.022	10	HP	3744	AR Lac	I	1506.443	+0.013	13	HP
3688	EG Cep	I	1515.482	+0.006	7	DB	3745	CM Lac	I	1513.472	0.000	11	KL
3689	GK Cep	II	1507.426	-0.007	10	HP	3746		I	1521.496	+0.001	10	KL
3690		I	1513.490	-0.028	14	KL	3747	UV Leo	II	1459.494	+0.036	19	DB
3691		I	1515.432	+0.042	15	HP	3748	δ Lib	I	1522.426	+0.041	7	KL
3692		II	1522.387	-0.025	8	KL	3749	UZ Lyr	I	1507.413	+0.016	10	RD ✓
3693	RW Com	II	1506.404	-0.053	7	KL	3750	U Oph	II	1515.404	-0.012	12	HP
3694	CC Com	II	1506.410	+0.058	10	KL	3751	RV Oph	I	1507.532	+0.005	10	KL
3695	SW Cyg	I	1506.543	+0.158	16	HP	3752	WZ Oph	I	1522.387	-0.037	10	HP
3696	WW Cyg	I	1522.517	+0.023	12	HP	3753		I	1522.403	-0.021	11	RD ✓
3697	ZZ Cyg	I	1513.419	-0.031	11	HP	3754		I	1522.408	-0.016	7	KL
3698	BR Cyg	I	1503.491	+0.016	12	HP	3755	V508 Oph	II	1503.434	+0.012	9	HP
3699	KR Cyg	I	1506.474	-0.012	13	HP	3756		II	1503.441	+0.019	7	KL
3700		I	1511.555	+0.003	8	KL	3757		II	1507.572	+0.012	6	KL
3701		I	1522.543	-0.002	10	KL	3758		I	1511.525	0.000	6	KL
3702	V456 Cyg	II	1507.434	+0.013	7	RD ✓	3759		I	1512.567	+0.007	7	KL
3703		I	1511.478	+0.038	6	KL	3760		II	1513.424	+0.003	10	KL
3704		I	1528.381	+0.008	5	RD	3761		II	1516.531	+0.006	9	KL
3705		I	1528.389	+0.016	9	KL	3762		II	1517.571	+0.012	5	KL
3706	V548 Cyg	I	1528.425	-0.023	10	HP	3763		I	1521.534	+0.010	10	KL
3707	V728 Cyg	I	1522.543	+0.047	13	HP	3764		I	1528.417	-0.003	8	KL
3708	TY Del	I	1507.469	+0.007	12	KL	3765	V1010 Oph	I	1503.452	-0.036	12	KL
3709		I	1513.423	+0.006	10	KL	3766		I	1507.416	-0.041	6	RD ✓
3710	FZ Del	I	1504.527	+0.002	5	KL	3767		I	1507.420	-0.037	9	RG
3711		I	1522.544	+0.005	6	KL	3768		I	1507.410	-0.047	10	HP
3712	RZ Dra	I	1506.376	0.000	10	RG	3769		I	1511.386	-0.039	11	KL
3713		I	1513.532	-0.005	10	KL	3770		I	1513.368	-0.041	11	KL
3714	UZ Dra	I	1511.581	+0.003	6	KL	3771	DI Peg	I	1513.556	-0.005	6	KL
3715		II	1516.460	-0.011	8	KL	3772	/3 Per	I	1512.592	-0.035	18	KL
3716	AI Dra	I	1511.397	+0.013	10	KL	3773	RW PsA	I	1507.557	-0.038	7	KL
3717	S Equ	I	1507.492	-0.007	11	KL	3774	U Sge	I	1511.445	+0.014	11	KL
3718	SZ Her	I	1503.524	+0.022	7	KL	3775	V 505 Sgr	I	1511.504	-0.037	11	KL
3719		I	1512.522	+0.020	10	HP	3776	V 701 Sco	I	1506.389	-0.014	8	KL
3720		I	1521.529	+0.028	10	KL	3777	U Sct	I	1503.432	+0.019	7	KL
3721	TT Her	I	1515.420	-0.019	10	HP	3778	RS Sct	I	1516.513	+0.011	14	KL
3722	TU Her	I	1513.417	-0.053	14	HP	3779		I	1528.485	+0.027	11	KL
3723	BC Her	I	1503.452	-0.150	13	HP	3780	ZZ UMa	I	1506.495	-0.001	9	HP
3724	CT Her	I	1506.473	+0.024	13	HP	3781	X Tri	I	1517.593	-0.023	7	KL
3725		I	1515.411	+0.030	16	HP	3782	BF Vir	I	1503.420	+0.005	6	KL
3726	GL Her	I	1516.457	+0.062	13	HP	3783	Z Vul	I	1506.441	+0.018	12	HP
3727	u Her	I	1253.311	-0.007	5	PC	3784		I	1528.533	+0.016	10	KL
3728	SW Lac	I	1501.469	-0.022	6	KL	3785	BU Vul	I	1506.411	+0.003	6	KL
3729		I	1503.397	-0.029	10	KL	3786		I	1511.539	+0.010	8	KL

E r r a t a

BBSAG Bulletin 3, page 1

minimum no. 3486: The O-C should read +0.006
3488: -0.002

BBSAG Bulletin 3, page 2

minimum no. 3525: The uncertainty sign (:) should be given.
3605: O and O-C should read 1460.386 and -0.004
respectively.
3606: O should read 1471.403
3613: O should read 1443.470