BBSAG

BULLETIN

127

May 1st, 2002

160. LIST OF MINIMA OF ECLIPSING BINARIES

The following table lists 172 electronically recorded (CCD; underlined) and 133 visual timings of minima of eclipsing binaries obtained primarily between November 2001 and March 2002 by the following observers:

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The O-C values given in the table below generally refer to the linear elements of the GCVS 1985, with the remarked exceptions. For the determinaton of the time of the minima, the tracing paper method was employed. For the reduction of some of the electronic observations, software based on the Kwee-van Woerden algorithm was used. All times are UTC. The complete set of BBSAG Bulletins is now available in the PDF-format at http://www.astroinfo.org/bbsag/bulletins.html.

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Nr.	Star	Type	O	e.	O-C	n	Obs	Remarks
37489	**TT And**	p	52216.3022	0.0007	-0.0641	25	EBl	CCD
37490	**UU And**	p	52286.286	0.003	+0.012	6	KL	
37491	**XZ And**	p	52234.483	0.003	+0.120	5	KL	
37492		p	52279.2714	0.0002	+0.1190	14	RD	CCD
37493	**AA And**	p	52218.3312	0.0013	-0.0871	26	EBl	CCD
37494		s	52224.414	0.004	-0.082	33	EBl	CCD
37495	**AD And**	p	52135.590	0.005	-0.031	50	APs	CCD
37496		p	52224.3463	0.0006	-0.0324	32	EBl	CCD
37497	**DO And**	s	52229.265	0.005	-0.022	11	RD	CCD; elem. MVS 11, 106
37498	**EP And**	p	52252.296	0.007	+0.055	5	KL	
37499	**EX And**	p	52224.3759	0.0003	-0.0210	32	EBl	CCD
37500		p	52229.2718	0.0002	-0.0226	15	RD	CCD
37501	**LO And**	p	52205.4085	0.0005	+0.0859	23	EBl	CCD; elem. GEOS EB No. 11
37502	**CX Aqr**	p	52260.242	0.003	0.000	6	KL	
37503	**CZ Aqr**	p	52229.343	0.004	-0.021	6	KL	
37504	**GK Aqr**	s	52260.258	0.004	-0.065	6	KL	elem. Per. Zv. 22, 327
37505	**RY Aur**	p	52276.291	0.004	+0.022	8	KL	
37506		p	52276.2922	0.0006	+0.0226	20	EBl	CCD
37507	**RZ Aur**	p	52310.259	0.003	-0.132	8	RD	CCD
37508	**CL Aur**	p	52261.242	0.005	+0.108	5	KL	
37509	**EI Aur**	s	52276.2256	0.0007	-0.1395	12	EBl	CCD
37510		s	52287.2724	0.0005	-0.1331	14	RD	CCD
37511	**EP Aur**	p	52278.2792	0.0011	+0.0133	15	EBl	CCD; elem. IBVS No. 4099
37512	**KU Aur**	p	52253.337	0.004	+0.040	5	KL	
37513		p	52282.3553	0.0002	+0.0275	21	EBl	CCD
37514	**V404 Aur**	p	52276.248	0.002	-0.274	17	EBl	CCD; elem. IBVS No. 4245
37515		p	52337.3502	0.0015	-0.2778	16	RD	CCD
37516	**TU Boo**	s	52258.731	0.005	-0.002	7	KL	elem. A&AS 117, 105
37517	**XY Boo**	p	52285.539	0.007	-0.040	12	EBl	CCD; elem. AJ 76, 923
37518		p	52296.6559	0.0006	-0.0400	26	EBl	CCD
37519	**AD Boo**	s	52322.5851	0.0003	-0.0106	16	RD	CCD; elem. Chin. AA 6, 366
37520	**AQ Boo**	s	52296.4871	0.0014	-0.0047	10	EBl	CCD; elem. IBVS No. 4871
37521		p	52296.6547	0.0011	-0.0036	18	EBl	CCD
37522	**AR Boo**	p	52287.5953	0.0004	+0.0088	19	EBl	CCD; elem. IBVS No. 4601
37523		p	52344.4994	0.0004	+0.0088	18	EBl	CCD

Nr.	Star	Type	O	e.	O-C	n	Obs	Remarks
37524	**GSC2565: 331 Boo**		52344.549	0.004		10	RD	CCD
37525	**Y Cam**	p	52234.440	0.006	+0.236	6	KL	
37526	**AV Cam**	p	52252.626	0.004	-0.065	8	JVb	
37527	**CP Cam**	s	52310.30	0.01	0.00	6	RD	CCD; elem. Hipparcos
37528	**RY Cnc**	p	52264.482	0.005	+0.051	5	KL	
37529	**VV CVn**	s	52287.6402	0.0023		15	EBl	CCD; GCVS elem. in need of revision
37530		p	52308.6950	0.0018		21	EBl	CCD
37531		p	52344.4157	0.0008		35	EBl	CCD
37532		s	52347.3537	0.0019		27	EBl	CCD
37533	**YZ CVn**	p	52287.6213	0.0003	-0.0069	21	EBl	CCD
37534	**BI CVn**	p	52285.6859	0.0010	+0.0159	15	EBl	CCD; elem. IBVS No. 4554
37535		s	52296.6362	0.0002	+0.0163	24	EBl	CCD
37536	**GSC2530 :2276 CVn**	s	52337.555	0.002	-0.008	12	RD	CCD; elem. IBVS No. 5221
37537	**GSC2533 :370 CVn**		52337.526	0.004		7	RD	CCD
37538	**GSC2534**	p	52337.5161	0.0009		12	RD	CCD; see note p. 10
37539	**:216 CVn**	s	52337.639	0.003		8	RD	CCD
37540	**GSC2536**	s	52337.5003	0.0010		12	RD	CCD
37541	**:122 CVn**	p	52337.643	0.002		10	RD	CCD
37542	**EE CMa**	p	52348.34	0.02	0.00	10	KL	
37543	**AK CMi**	p	52288.444	0.004	-0.008	6	KL	
37544	**RZ Cas**	p	52010.510	0.003	+0.038	19	KT	
37545		p	52022.464	0.003	+0.040	13	KT	
37546		p	52132.427	0.002	+0.040	14	KT	
37547		p	52138.401	0.001	+0.038	14	KT	
37548		p	52144.376	0.002	+0.036	6	KT	
37549		p	52150.355	0.002	+0.039	15	KT	
37550		p	52163.502	0.002	+0.038	9	KT	
37551		p	52181.434	0.003	+0.042	11	KT	
37552		p	52205.338	0.002	+0.041	12	KT	
37553		p	52260.319	0.003	+0.040	6	KT	
37554		p	52261.514	0.002	+0.040	14	KT	
37555	**AB Cas**	p	52230.708	0.004	+0.070	6	KL	
37556	**AE Cas**	p	52215.294	0.007	+0.061	5	KL	
37557	**AH Cas**	p	52287.2741	0.0002	-0.1929	15	RD	CCD
37558	**EG Cas**	s	52224.2883	0.0008	-0.1489	20	EBl	CCD
37559	**IR Cas**	p	52224.470	0.005	+0.007	6	KL	
37560	**LU Cas**	p	52287.296	0.005	+0.146	10	RD	CCD
37561	**NT Cas**	p	52213.5140	0.0019	+0.0406	13	RD	CCD

Nr.	Star	Type	O	e.	O-C	n	Obs	Remarks
37562	**V336 Cas**	p	52205.3478	0.0004	-0.0149	20	EBl	CCD
37563	**V344 Cas**	p	52262.2301	0.0010	-0.0954	16	EBl	CCD
37564	**V345 Cas**	p	52279.2607	0.0005	-0.0217	14	RD	CCD
37565	**V361 Cas**	p	52287.2771	0.0018	-0.1738	14	RD	CCD
37566	**V366 Cas**	p	52279.2869	0.0013	+0.0252	13	RD	CCD; elem. IBVS No. 4798
37567	**V384 Cas**	p	52296.2845	0.0008	-0.1316	15	RD	CCD
37568	**V387 Cas**	p	52217.4852	0.0019	+0.0437	23	RD	CCD
37569		p	52296.2876	0.0007	+0.0440	17	RD	CCD
37570	**V411 Cas**	p	52213.419	0.004	+0.218	11	RD	CCD
37571	**V448 Cas**	p	52287.300	0.005	+0.085	14	RD	CCD
37572	**V520 Cas**	s	52205.3944	0.0006	+0.0547	25	EBl	CCD; elem. BBSAG Bull. 117, 9
37573	**V523 Cas**	s	52237.347	0.003	+0.006	7	KL	elem. MNRAS 317, 111
37574	**NSV1012 Cas**	s	52135.432	0.005	-0.004	7	JVb	elem. IBVS No. 5171
37575	**BE Cep**	s	52216.2928	0.0006	-0.0805	26	EBl	CCD
37576	**BR Cep**	p	52277.258	0.006	-0.020	6	KL	
37577		p	52296.278	0.005	-0.006	15	RD	CCD
37578	**CM Cep**	p	52277.255	0.004	-0.028	6	KL	
37579	**DP Cep**	p	52279.2839	0.0012	-0.0661	14	RD	CCD
37580	**GI Cep**	p	52217.489	0.002	-0.044	14	RD	CCD
37581	**HI Cep**	p	52224.425	0.009	+0.022	6	KL	elem. BBSAG Bull. 114, 12
37582	**IM Cep**	p	52213.3441	0.0009	-0.0998	28	EBl	CCD
37583	**IO Cep**	p	52217.486	0.002	-0.011	14	RD	CCD
37584		p	52359.598	0.004	-0.017	8	KL	
37585	**NU Cep**	p	51432.430	0.004	+0.045	11	JVb	
37586		p	52224.323	0.005	+0.023	10	JVb	
37587	**V357 Cep**	p	52277.2700	0.0012	-0.1635	13	RD	CCD; elem. Brno Contr. 28, 34
37588	**V358 Cep**	p	52260.646	0.008	+0.030	6	KL	elem. BBSAG Bull. 96, 10
37589	**SS Cet**	p	52277.348	0.005	+0.003	9	KL	
37590	**TW Cet**	s	52230.455	0.003	-0.027	6	KL	
37591	**VY Cet**	p	52276.264	0.008	-0.003	7	KL	
37592	**AA Cet**	p	52218.344	0.004	-0.008	6	KL	
37593	**LL Com**	p	52285.6682	0.0008	+0.0865	23	EBl	CCD; elem. IBVS No. 4386

Nr.	Star	Type	O	e.	O-C	n	Obs	Remarks
37594	**W Crv**	p	52288.737	0.002	+0.014	6	KL	
37595	**V Crt**	p	52241.677	0.007	-0.007	5	KL	
37596	**UW Cyg**	p	52344.641	0.003	+0.048	5	KL	
37597	**WZ Cyg**	p	52134.3639	0.0004	+0.0582	14	LB	CCD
37598	**ZZ Cyg**	p	52253.297	0.003	-0.036	6	KL	
37599	**AE Cyg**	p	52131.3446	0.0011	-0.0066	14	LB	CCD
37600	**CG Cyg**	p	52124.3590	0.0013	+0.0488	12	LB	CCD
37601	**V456 Cyg**	p	52135.3876	0.0002	+0.0306	12	LB	CCD
37602	**V498 Cyg**	p	52213.35	0.01	+0.13	16	RD	CCD
37603	**V745 Cyg**	p	50714.445	0.011	-0.166	18	JVb	
37604		p	51013.537	0.006	-0.171	7	JVb	
37605		p	52253.284	0.004	-0.193	8	JVb	
37606	**TT Del**	p	52229.270	0.008	-0.066	5	KL	
37607	**Z Dra**	p	52237.533	0.005	-0.148	4	KL	
37608	**TW Dra**	p	51793.401	0.007	+0.027	14	KT	
37609		p	51995.499	0.005	+0.032	12	KT	
37610		p	52141.457	0.004	+0.034	11	KT	normal min.
37611		p	52231.277	0.005	+0.035	10	KT	normal min.
37612	**AR Dra**	p	52229.270	0.004	+0.009	5	KL	
37613	**CK Dra**	p	52041.432	0.009	+0.038	15	JVb	
37614	**DW Dra**	p	52351.653	0.004	+0.029	5	KL	elem. BBSAG Bull. 118, 7
37615	**FU Dra**	p	52322.5699	0.0014	-0.0128	11	RD	CCD; elem. Hipparcos
37616	**KK Dra**	p	52344.682	0.003	+0.004	8	KL	elem. JAAVSO 28, 81
37617	**TZ Eri**	p	52278.428	0.003	+0.208	6	KL	
37618	**RW Gem**	p	52224.411	0.005	0.000	6	KL	
37619	**TX Gem**	p	52317.366	0.008	-0.008	5	KL	
37620	**TZ Gem**	p	52282.377	0.002	+0.050	12	EBl	CCD
37621	**AF Gem**	p	52258.636	0.006	-0.061	5	KL	
37622	**AH Gem**		52338.309	0.008		8	RD	CCD; GCVS elem. in need of revision
37623	**AV Gem**	s	52310.267	0.004	-0.029	12	EBl	CCD
37624	**AZ Gem**	p	52308.3002	0.0008	+0.0755	21	EBl	CCD
37625	**BO Gem**	p	52260.68	0.01	+0.57	8	KL	
37626	**CK Gem**	p	52323.3768	0.0019	-0.0661	8	RD	CCD

Nr.	Star	Type	O	e.	O-C	n	Obs	Remarks
37627	**CW Gem**	p	52253.401	0.003	-0.009	18	EBl	CCD; elem. BAV M. 69
37628	**EN Gem**	p	52282.282:		-0.032:	12	EBl	CCD
37629	**EY Gem**	p	52282.2859	0.0017	-0.1995	18	EBl	CCD
37630	**FT Gem**	p	52308.3330	0.0014	-0.0169	20	EBl	CCD
37631	**GX Gem**	p	52278.221	0.002	+0.012	20	EBl	CCD; elem. BBSAG Bull. 125, 9
37632	**KQ Gem**	p	52308.3234	0.0008	-0.0634	20	EBl	CCD
37633	**LO Gem**	p	52252.493	0.006	-0.019	12	JVb	elem. IBVS No. 5020
37634	**QW Gem**	p	52308.2570	0.0010	-0.0133	13	EBl	CCD; elem. Hipparcos
37635	**SZ Her**	p	52287.675	0.003	-0.020	6	KL	
37636	**CC Her**	p	52347.523	0.002	+0.130	8	KL	
37637	**DQ Her**	p	52348.491	0.002	+0.002	5	KL	
37638	**MT Her**	p	52304.712	0.003	+0.024	7	KL	
37639	**V733 Her**	p	52344.6222	0.0018	+0.0648	13	RD	CCD
37640	**V861 Her**	s	52344.5532	0.0008	+0.1380	10	RD	CCD; elem. IBVS No. 4360
37641	**GSC2056**	s	52296.670	0.007		9	KL	
37642	:117 Her	p	52323.610	0.004		6	KL	
37643		s	52347.645	0.003		5	KL	
37644	**GSC2604**	p	52296.698	0.004	-0.049	8	KL	elem. IBVS No. 5192
37645	**:1671 Her**	s	52323.614	0.003	-0.047	6	KL	
37646		s	52344.624	0.003	-0.050	7	KL	
37647		p	52345.630	0.006	-0.051	5	KL	
37648		p	52347.647	0.004	-0.049	6	KL	
37649	**GSC3073**	s	52296.638	0.006	+0.001	8	KL	elem. IBVS No. 5192
37650	**:837 Her**	s	52323.586	0.004	-0.002	6	KL	
37651		p	52323.707	0.003	-0.001	6	KL	
37652		p	52344.653	0.003	+0.009	7	KL	
37653		p	52345.610	0.003	+0.003	6	KL	
37654		p	52347.531	0.004	-0.001	6	KL	
37655		s	52347.651	0.005	-0.001	6	KL	
37656		p	52351.627	0.004	+0.004	6	KL	
37657	**RX Hya**	p	52348.448	0.005	+0.051	7	KL	
37658	**TY Hya**	p	52344.3547	0.0010	-0.0213	20	RD	CCD
37659	**VY Hya**	p	52228.669	0.003	-0.069	7	KL	
37660	**AL Hya**	p	52308.547	0.005	+0.425	8	KL	
37661	**AS Hya**	p	52310.466	0.006	-0.037	5	KL	elem. BBSAG Bull. 83, 5
37662	**AG Lac**	s	52215.3648	0.0014	-0.3471	21	EBl	CCD
37663		s	52218.379	0.003	-0.342	14	EBl	CCD

Nr.	Star	Type	O	e.	O-C	n	Obs	Remarks
37664	**CG Lac**	p	52215.3528	0.0013	-0.1310	24	EBl	CCD
37665	**CN Lac**	s	52218.431	0.002	+0.040	14	EBl	CCD
37666		p	52277.3862	0.0008	+0.0387	22	EBl	CCD
37667	**CO Lac**	s	52216.3446	0.0007	+0.0119	32	EBl	CCD; diplaced secondary
37668	**EM Lac**	s	52218.393	0.0011	+0.0492	15	EBl	CCD
37669		p	52284.3499	0.0010	+0.0479	16	EBl	CCD
37670	**HR Lac**	p	52218.3775	0.0017	-0.0994	14	EBl	CCD
37671	**HX Lac**	p	52277.2681	0.0005	-0.0567	23	EBl	CCD
37672	**IM Lac**	p	52229.2892	0.0006	-0.1556	11	RD	CCD
37673	**IP Lac**	s	52277.3673	0.0011	+0.0614	17	EBl	CCD
37674	**NR Lac**	s	52218.3007	0.0010	+0.0562	15	EBl	CCD
37675	**NW Lac**	p	52213.334	0.008	-0.081	15	RD	CCD
37676		p	52216.3500	0.0009	-0.0867	30	EBl	CCD
37677	**PP Lac**	p	52215.3951	0.0002	-0.0347	21	EBl	CCD
37678	**OO Lac**	p	52115.572	0.007	+0.118	7	KL	
37679		s	52218.3035	0.0019	+0.1266	13	EBl	CCD
37680	**V339 Lac**	p	52284.24:		+0.11:	26	EBl	CCD
37681	**V342 Lac**	s	52218.242	0.003	-0.146	10	EBl	CCD
37682		p	52277.434	0.005	-0.152	13	EBl	CCD
37683	**V344 Lac**	p	52215.390	0.003	+0.002	9	EBl	CCD; elem. see p. 10
37684		p	52277.3596	0.0010	-0.0020	19	EBl	CCD
37685		s	52284.2263	0.0014	+0.0006	16	EBl	CCD
37686	**Y Leo**	p	52317.452	0.002	+0.019	10	KL	
37687		p	52344.4286	0.0004	+0.0177	19	RD	CCD
37688	**VZ Leo**	p	52344.404	0.002	-0.055	25	RD	CCD
37689	**BL Leo**	p	52241.699	0.004	-0.012	5	KL	
37690	**RS Lep**	p	52251.562	0.005	+0.003	6	KL	
37691	**TY Lib**	p	52347.592	0.006	-0.017	7	KL	
37692	**RV Lyn**	p	52337.2903	0.0004	+0.7352	21	RD	CCD; normal minimum
37693	**GSC3123 :1618 Lyr**	s	52224.261	0.006	-0.002	5	KL	elem. IBVS No. 4985
37694	**RW Mon**	p	52295.330	0.003	-0.033	6	KL	
37695	**TV Mon**	p	52338.363	0.002	+0.009	12	RD	CCD
37696	**BH Mon**	p	52338.336	0.003	-0.171	15	RD	CCD

Nr.	Star	Type	O	e.	O-C	n	Obs	Remarks
37697	**BM Mon**	p	52264.647	0.003	+0.033	5	KL	
37698	**FH Mon**	p	52348.415	0.003	-0.084	6	KL	
37699	**FV Mon**	p	52310.25:	0.01	-0.05:	7	RD	CCD
37700	**GU Mon**	p	52338.295	0.005	+0.042	9	RD	CCD
37701	**IX Mon**	p	52323.3385	0.0017	-0.0374	16	RD	CCD
37702	**V396 Mon**	s	52338.3479	0.0004	-0.0517	12	RD	CCD
37703	**V455 Mon**	p	52310.3974	0.0012	+0.1162	20	EBl	CCD
37704	**V524 Mon**	p	52310.3335	0.0007	-0.0178	18	EBl	CCD
37705	**V681 Mon**	p	52264.728	0.007	+0.639	6	KL	elem. BBSAG Bull. 75, 4
37706	**V714 Mon**	p	52310.3416	0.0011	-0.0046	19	EBl	CCD; elem. IBVS No. 4468
37707	**V449 Oph**	p	52348.599	0.006	+0.049	6	KL	
37708	**V508 Oph**	p	52317.660	0.003	-0.001	6	KL	
37709	**DW Ori**	p	52296.504	0.005		10	RD	CCD
37710	**DZ Ori**	p	52282.3538	0.0012	+0.0082	20	EBl	CCD; elem. BBSAG Bull. 117, 9
37711	**EQ Ori**	p	52281.417	0.004	-0.009	6	KL	
37712	**FL Ori**	p	52224.489	0.003	+0.019	6	KL	
37713	**FR Ori**	p	52276.3128	0.0002	+0.0188	18	EBl	CCD
37714	**FT Ori**	p	52337.3406	0.0004	+0.0096	18	RD	CCD
37715	**FZ Ori**	s	52310.3179	0.0013	-0.0628	15	EBl	CCD
37716	**V640 Ori**	p	52293.370	0.002	-0.099	6	KL	
37717	**V641 Ori**	p	52276.331	0.002	-0.006	12	EBl	CCD
37718		s	52310.3665	0.0015	-0.0061	17	EBl	CCD
37719	**V668 Ori**	p	52310.304	0.002	+0.039	13	EBl	CCD
37720	**TY Peg**	p	52276.212	0.006	-0.221	5	KL	
37721	**BX Peg**	p	52121.4173	0.0002	-0.0537	20	LB	CCD
37722	**BY Peg**	p	52209.3132	0.0008	-0.0446	23	EBl	CCD
37723	**DP Peg**	p	52209.360	0.004	+0.003	24	EBl	CCD; elem. IBVS No. 5044
37724	**EY Peg**	p	52213.2892	0.0017	+0.0067	16	RD	CCD; elem. BBSAG Bull. 105, 8
37725	**RT Per**	p	52251.484	0.003	+0.052	6	KL	
37726	**RV Per**	p	52360.358	0.008	-0.035	4	KL	

Nr.	Star	Type	O	e.	O-C	n	Obs	Remarks
37727	**ST Per**	p	52288.476	0.008	+0.156	9	KL	
37728	**XZ Per**	p	52279.423	0.005	-0.051	5	KL	
37729	**DK Per**	p	52252.369	0.009	-0.039	6	KL	elem. IBVS No. 3875
37730		p	52253.2831	0.0003	-0.0245	23	EBl	CCD
37731	**DZ Per**	p	52253.304	0.002	-0.017	23	EBl	CCD
37732	**HK Per**	p	52217.517	0.005	+0.086	9	RD	CCD
37733	**HS Per**	p	52279.245	0.003	-0.061	16	RD	CCD; e. IBVS No. 3754; see note p. 10
37734	**KL Per**	p	52213.4377	0.0015	+0.1165	14	RD	CCD
37735	**KW Per**	p	52279.404	0.003	+0.003	7	KL	
37736	**LS Per**	p	52323.3002	0.0016	-0.3198	14	RD	CCD
37737	**PS Per**	p	52213.4637	0.0005	+0.0570	15	RD	CCD
37738		p	52260.516	0.004	+0.064	6	KL	
37739	**V364 Per**	s	52253.288	0.005	-0.017	13	EBl	CCD
37740	**V365 Per**	p	52213.470	0.007	+0.016	15	RD	CCD
37741	**V450 Per**	p	52253.2882	0.0014	+0.0619	22	EBl	CCD
37742	**V457 Per**	p	52213.4789	0.0009	+0.0241	20	RD	CCD
37743	**V462 Per**	p	52323.370	0.004	+0.185	18	RD	CCD
37744	**XZ Pup**	p	52251.613	0.002	+0.093	8	KL	
37745	**AO Ser**	p	52345.637	0.005	+0.008	5	KL	
37746	**AU Ser**	s	52345.550	0.004	-0.074	6	KL	
37747	**LX Ser**	p	52348.524	0.001	+0.003	6	KL	
37748	**RW Tau**	p	52279.402	0.002	-0.168	10	KL	
37749	**TY Tau**	s	52296.4192	0.0012	+0.2322	10	RD	CCD
37750	**WY Tau**	s	52278.2555	0.0008	+0.0500	16	EBl	CCD
37751	**AC Tau**	p	52224.408	0.007	+0.038	6	KL	
37752	**AH Tau**	s	52237.361	0.006	-0.103	6	KL	
37753	**AM Tau**	p	52276.2986	0.0003	-0.0482	20	EBl	CCD
37754		p	52276.306	0.007	-0.041	6	KL	
37755	**CR Tau**	p	52278.2503	0.0011	+0.0007	16	EBl	CCD; elem. IBVS No. 4778
37756	**ES Tau**	p	52264.590	0.005	+0.010	6	KL	
37757		p	52296.4326	0.0013	+0.0100	12	RD	CCD
37758	**HU Tau**	s	52234.416	0.005	+0.045	7	CPa	

Nr.	Star	Type	O	e.	O-C	n	Obs	Remarks
37759	**V781 Tau**	p	52276.2335	0.0008	-0.0383	15	EBl	CCD
37760	**V1112 Tau**	s	52296.542	0.008	+0.082	6	RD	CCD; elem. IBVS No. 4282
37761	**V Tri**	p	52252.264	0.006	0.000	6	KL	
37762	**RV Tri**	p	52280.434	0.003	-0.015	5	KL	
37763	**RW Tri**	p	52348.338	0.001	-0.004	5	KL	
37764	**TW UMa**	p	52344.390	0.003	-0.147	19	RD	CCD
37765	**UX UMa**	p	52260.659	0.002	+0.004	5	KL	
37766	**XZ UMa**	p	52250.631	0.003	-0.059	7	KL	
37767	**ZZ UMa**	p	52287.729	0.005	+0.002	6	KL	
37768	**AA UMa**	s	52344.4122	0.0013	+0.0218	17	RD	CCD
37769	**AC UMa**	p	52296.642	0.008	-0.109	5	KL	
37770	**AN UMa**	s	51562.469	0.003		29	APs	CCDR
37771		p	51562.513	0.005		30	APs	CCDR
37772		s	51562.549	0.002		25	APs	CCDR
37773		p	51563.551	0.007		31	APs	CCDR
37774	**ES UMa**	p	52344.366	0.004	-0.059	13	RD	CCD; elem. IBVS No. 3914
37775	**RZ UMi**	s	52303.5818	0.0013	-0.0055	12	RD	CCD; elem. BBSAG Bull. 111, 8
37776	**UW Vir**	p	52323.656	0.004	-0.034	6	KL	
37777	**VV Vir**	p	52296.646	0.005	-0.025	6	KL	
37778	**AK Vir**	p	52276.727	0.007	-0.053	4	KL	
37779	**AW Vir**	s	52344.5540	0.0009	+0.0131	14	EBl	CCD
37780	**AX Vir**	p	52303.5877	0.0017	+0.0063	11	RD	CCD
37781	**AZ Vir**	s	52308.5176	0.0008	-0.0174	9	EBl	CCD
37782	**HW Vir**	p	52275.721	0.001	+0.002	6	KL	elem. A&A 364, 199
37783	**NY Vir**	p	52308.6326	0.0004	-0.0310	13	EBl	CCD; elem. MNRAS 296, 329
37784		p	52323.4836	0.0005	-0.0296	21	EBl	CCD
37785		s	52323.535	0.0018	-0.0287	21	EBl	CCD
37786		p	52323.5845	0.0004	-0.0296	21	EBl	CCD
37787		s	52323.6353	0.0016	-0.0294	21	EBl	CCD
37788		p	52323.6855	0.0006	-0.0297	21	EBl	CCD
37789	**BE Vul**	p	52217.357	0.004	+0.033	9	KL	
37790	**BI Vul**	s	52209.3249	0.0007	+0.0176	20	EBl	CCD
37791	**BK Vul**	p	52209.2883	0.0013	-0.1487	25	EBl	CCD
37792	**BU Vul**	p	52124.4037	0.0003	+0.0124	12	LB	CCD
37793		p	52136.3536	0.0009	+0.0135	17	LB	CCD

Notes on observations given in Table above

Nr.	Star	Type	O	e.	O-C	n	Obs	Remarks

Notes on observations given in Table above

GSC2534:216 CVn

This variable, recently discovered by the ROTSE1 team, is the brighter star of a close pair, the companion beeing of about 15th magnitude.

HS Per

Our CCD observation of HS Per = GSC3692:1540 at $01^h52^m11.6^s$, +57°0‘43“ (J2000.0) yield a duration of totality amounting to $0.042^d \pm 0.005^d$ ($0.015^p \pm 0.002^p$).

R. Diethelm

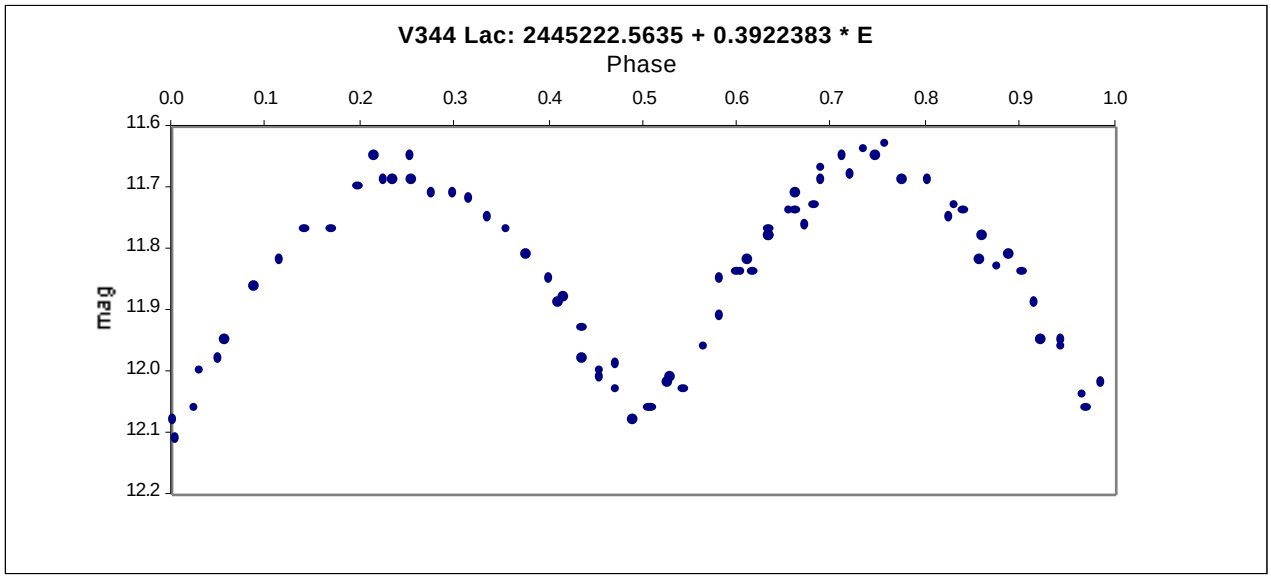
Errata

Bulletin	Nr.	star	corrected value
126	37198	WY **Cep**	name of constellation
126	37264	GSC3**9**21:1531	digit in GSC label
126	37416/17	GSC3121:1799	is named variable **V400 Lyrae**

CCD light curve and new elements of variation for V344 Lacertae

During the last observing season, we have gathered CCD data (unfiltered) of the EW type eclipsing binary V344 Lacertae that cover the entier light curve. These observations can be brought in accordance with the initial time of minimum E_0 given in the GCVS with a period value of 0.3922383 days. The following Figure shows our measurements folded with the new elements of variation as mentioned in the caption.

For the time between the initial minimum and the date of our observations, only two electronically determined minimum timings are given in the literature (JD2450095.3196 and JD2450658.3828), both of which show a negative O-C value surpassing the accuracy of the timing. This might indicate that the O-C diagram of V344 Lacertae can be best represented by a parabolic term with a gradual lengthening of the period. Further observations should be obtained in order to verify this suggestion.



E. Blättler

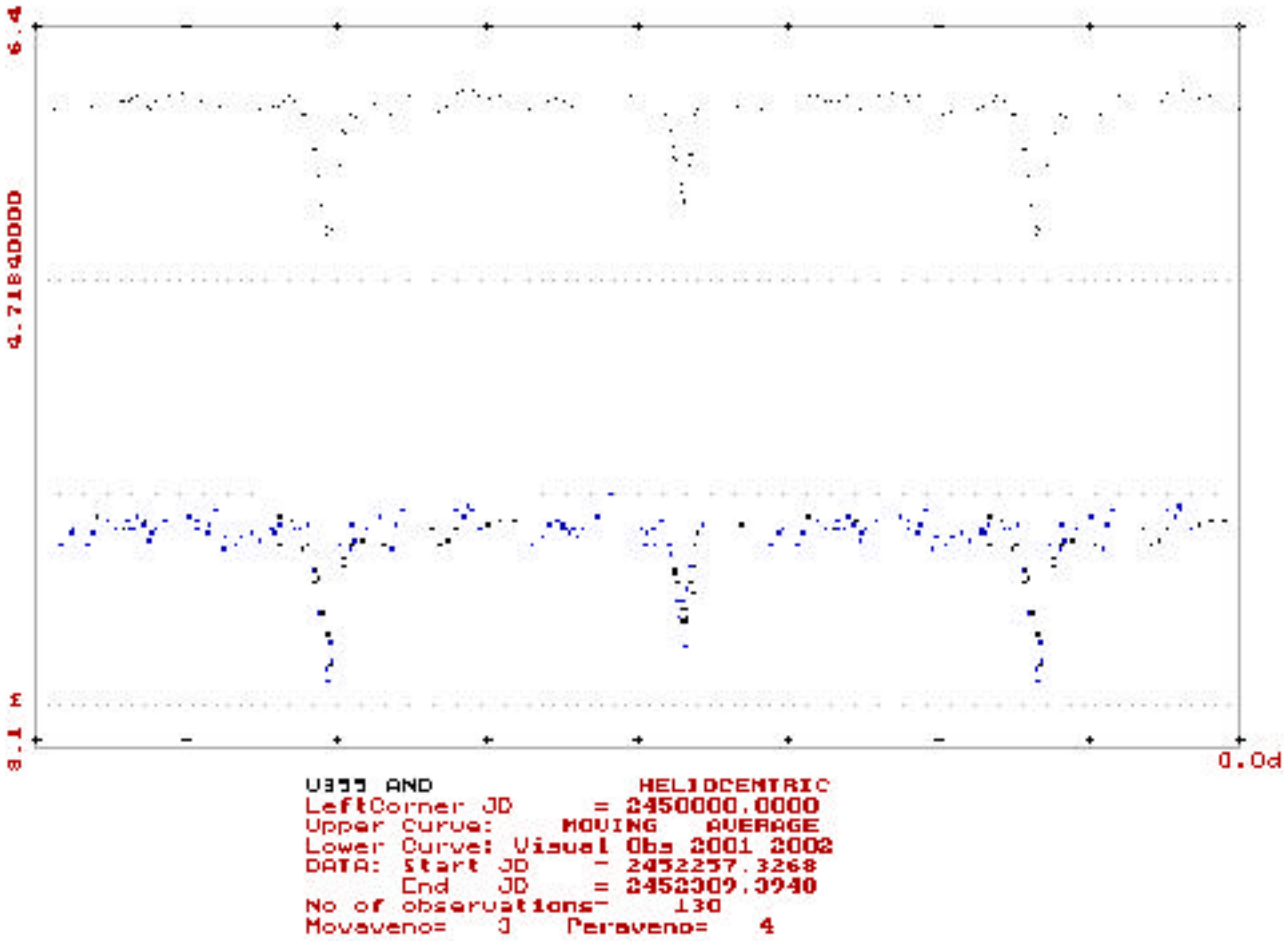
Nr.	Star	Type	O	e.	O-C	n	Obs	Remarks

Visual observations of V355 Andromedae

The bright eclipsing binary V355 Andromedae was discovered by the Hipparcos satelite, finding it below maximum light at JD2448765.66736, 2448765.75628 and 2448775.17856. No elements could be derived.
We observed V355 And visually with binoculars from 2001-Dec-13 to 2002-Feb-4. These observations, together with the Hipparcos normal minimum of JD2448765.718(10), yield the elements

Min(JD,hel) = 2452295.088(8) + 4.71841(2) * E

as the most likely representation of the variation of V355 And. The following Figure shows our data.
R.H. Chambers of the BAA-VSS observed a probable primary minimum at JD2441264.2756 (private communication). This suggests that the period value might actually be shorter (4.71789^d). Visually, the primary's amplitude is about 0.3 mag, the secondary's 0.2 mag.



Thanks go to T. Kinnunen for his advice concerning the GCVS's 74th name-list on the web and to T. Markham for providing the data of the BAA-VSS.

K. Tikkanen