

BBSAG Bulletin 14

1974 April 5

47th List of Minima of Eclipsing Binaries

The following table lists all the 139 minima obtained visually during February and March 1974 by the observers

- RD Roger Diethelm, Wetzikon
- SF Stefan Forster, Hinwil
- RG Robert Germann, Wald
- KL Kurt Locher, Grüt
- PM Peter Morger, Hinwil
- HP Hermann Peter, Otelfingen

The O-C values refer to the linear elements of the GCVS 1969, disregarding improved elements in the 1971 first supplement to the GCVS. Reductions were made using the tracing paper method by RD, RG, KL, and HP.

cur- rent no.	star	minimum or- der	JD hel 244...	O-C	n	ob- ser- ver	cur- rent no.	star	minimum or- der	JD hel 244...	O-C	n	ob- ser- ver
5927	RT And	I	2090.315	-0.010	10	PM	5966	RW Com	I	2089.456	-0.044	6	KL
5928		I	2090.315	-0.010	10	SF	5967		I	2119.362	-0.043	9	KL
5929		I	2090.318	-0.007	7	RD	5968		I	2132.425	-0.034	6	RD
5930	UU And	I	2090.272	+0.101	6	KL	5969	CC Com	I	2105.474	+0.086	5	KL
5931	AB And	I	2095.260	+0.024	7	RG	5970		I	2109.440	+0.080	8	RD
5932	ADS 1693	II	2116.293	*	5	KL	5971		II	2118.411	+0.113	5	KL
5933	(A And	II	2122.333	*	8	KL	5972		I	2119.370	+0.080	8	KL
5934	OO Aql	II	2134.639	-0.034	12	KL	5973		I	2122.464	+0.084	5	KL
5935	RY Aur	I	2132.374	+0.003	14	HP	5974	W Crv	I	2105.482	-0.003	10	KL
5936		I	2132.377	+0.006	7	KL	5975		II	2122.367	0.000	5	KL
5937	VV Aur	I	2088.627	-0.006	5	KL	5976		II	2127.409	-0.003	7	KL
5938	BF Aur	I	2132.385	-0.033	8	RD	5977		II	2132.450	-0.007	7	KL
5939	SV Cam	I	2089.310	-0.016	8	RD	5978	V Crt	I	2127.455	+0.035	7	KL
5940		I	2115.411	-0.010	10	KL	5979		I	2132.374	+0.040	6	KL
5941		I	2116.596	-0.011	6	KL	5980	ZZ Cyg	I	2127.577	-0.032	6	KL
5942		I	2118.383	-0.003	10	HP	5981	RZ Dra	I	2131.615	-0.006	7	KL
5943		I	2118.383	-0.003	7	KL	5982	AI Dra	I	2090.405	-0.005	13	KL
5944	AL Cam	I	2132.340	-0.008	10	RD	5983		I	2132.376	+0.007	12	KL
5945	TX Cnc	I	2132.347	+0.015	10	RD	5984	TZ Eri	I	2096.318	-0.042	12	RG
5946	R Cma	I	2092.452	+0.007	14	HP	5985	WX Eri	I	2100.283	+0.010	13	KL
5947		I	2099.271	+0.011	10	KL	5986	YY Eri	I	2089.253	-0.014	7	RG
5948		I	2100.400	+0.004	10	KL	5987		II	2090.380	-0.011	9	RG
5949		I	2116.304	+0.005	10	KL	5988		I	2096.333	-0.007	7	RG
5950	TX Cma	I	2109.383	-0.059	7	KL	5989		II	2100.353	-0.005	7	KL
5951	UU Cma	I	2109.362	-0.041	13	HP	5990		I	2106.289	-0.017	7	RG
5952		I	2109.409	+0.006	9	KL	5991	U Gem	I	2090.323	+0.013	5	KL
5953	RZ Cas	I	2088.722	-0.004	7	KL	5992		I	2122.350	+0.019	6	KL
5954		I	2099.485	+0.002	13	HP	5993	RW Gem	I	2106.343	+0.005	11	KL
5955		I	2105.460	+0.001	11	KL	5994	AF Gem	I	2089.298	-0.015	9	RD
5956	U Cep	I	2118.357	+0.037	6	KL	5995	GW Gem	I	2132.342	-0.021	9	RD
5957	VV Cep	II	2088.556	-0.084	6	KL	5996	V 338 Her	I	2134.666	+0.073	6	KL
5958		I	2088.699	-0.080	7	KL	5997	DE Hya	I	2090.402	+0.021	15	KL
5959		I	2095.358	-0.101	11	KL	5998	DF Hya	I	2089.281	-0.042	7	RD
5960		I	2100.392	-0.077	10	KL	5999		I	2109.447	-0.043	6	RD
5961		I	2105.391	-0.087	9	KL	6000		II	2132.412	-0.054	7	RD
5962		II	2105.549	-0.068	11	KL							
5963		I	2109.288	-0.086	10	KL							
5964		I	2117.356	-0.090	6	KL							
5965	EG Cep	I	2100.408	+0.009	10	KL							

* not contained in the GCVS, O-C according to Walkers 'I' (in bracket) and 'II' (following the bracket) elements
 TRVS 855: (+0.036):+0.055:

cur- rent no.	star	minimum or- der	JD hel 244...	0 - C	ob- n ser- ver	cur- rent no.	star	minimum or- der	JD hel 244...	0 - C	ob- n ser- ver
6001	SW Lac	I	2090.322	-0.027	6 RD	6033	/3 Per	I	2100.408	-0.033	10 KL
6002		II	2095.270	-0.050	5 KL	6034	UZ Pup	I	2100.358	-0.052	12 KL
6003	Y Leo	I	2106.406	+0.085	11 KL	6035		I	2127.390	-0.045	5 KL
6004	UV Leo	I	2088.582	+0.024	11 KL	6036	XZ Pup	I	2118.417	-0.008	11 HP
6005		II	2100.362	+0.013	10 KL	6037		I	2118.417	-0.008	8 KL
6006		II	2106.342	-0.008	11 KL	6038	AY Pup	I	2131.336	+0.064	5 KL
6007		II	2106.347	-0.002	8 RG	6039	RS Sct	I	2109.686	+0.020	6 KL
6008		II	2115.356	+0.005	5 KL	6040	AO Ser	I	2127.607	-0.005	7 KL
6009		II	2118.348	-0.003	11 HP	6041		I	2134.644	-0.003	6 KL
6010	UZ Leo	I	2100.426	-0.062	10 KL	6042	RW Tau	I	2090.269	-0.069	11 KL
6011		II	2122.345	-0.102	7 RG	6043	RZ Tau	I	2089.361	-0.001	8 RD
6012		I	2131.348	-0.068	7 RG	6044	W Uma	I	2109.409	-0.085	5 RD
6013	AM Leo	I	2132.352	-0.024	7 RD	6045		I	2132.420	-0.095	11 RD
6014	CE Leo	II	2090.427	+0.072	7 KL	6046	UX Uma	I	2105.534	+0.001	6 KL
6015		I	2105.449	+0.074	8 KL	6047		I	2109.664	+0.001	6 KL
6016	RS Lep	I	2122.298	-0.026	6 RG	6048		I	2122.448	0.000	10 KL
6017		I	2122.314	-0.009	8 KL	6049		I	2127.366	+0.002	6 KL
6018		I	2131.318	-0.025	6 KL	6050		I	2127.564	+0.004	6 KL
6019	RU Mon	II	2089.282	+0.056	§ 7 RD	6051		I	2132.480	+0.002	7 KL
6020		II	2132.310	+0.068	§ 6 RD	6052		I	2134.644	+0.003	6 KL
6021	TU Mon	I	2116.284	+0.005	11 KL	6053	VV Uma	I	2132.364	+0.063	11 RD
6022	BO Mon	I	2132.416	+0.124	16 KL	6054	XZ Uma	I	2105.462	-0.062	6 KL
6023		I	2132.419	+0.126	15 RD	6055		I	2132.359	-0.056	8 HP
6024	V508 Oph	II	2131.638	+0.006	8 KL	6056		I	2132.362	-0.053	10 RD
6025	V1010 Oph	II	2109.637	-0.059	13 KL	6057	VV Vir	I	2109.613	-0.059	5 KL
6026	ER Ori	II	2090.246	-0.021	7 RG	6058	AH Vir	II	2088.582	+0.024	11 KL
6027		II	2095.330	-0.018	7 RG	6059		II	2100.408	+0.033	10 KL
6028		II	2106.335	-0.022	9 RG	6060		I	2105.513	+0.043	12 KL
6029	FT Ori	I	2117.386	+0.015	10 KL	6061		I	2132.394	+0.028	11 KL
6030	RV Per	I	2090.340	+0.016	10 KL	6062	AK Vir	I	2109.702	+0.029	7 KL
6031	XZ Per	I	2109.396	+0.009	10 HP	6063		I	2127.616	+0.039	10 KL
6032		I	2132.422	+0.002	11 HP	6064	BF Vir	I	2105.565	+0.009	6 KL
						6065	DM Vir	I	2131.654	-0.011	6 KL

§ excentric secondary minimum

Note on the O - C of V W Cygni

During the evening of JD 2442010 (1973 November 23) I was able to observe descension and bottom of the lightcurve of VW Cyg, the latter beginning at UT 19^h40^m approximately. Along with the CCVS d value, the O - C results as +0.^d05 .

K. Locher

