

# BBSAG

## BULLETIN

89

1988 October 12

### 122nd List of Minima of Eclipsing Binaries

The following table lists 9 photoelectric (underlined) and 398 visual heliocentric minima of eclipsing binaries obtained primarily from May to September 1988 by the following observers:

FAC	Francesco Acerbi, Codogno, Italy
EBl	Ernst Blättler, Wald, Switzerland
RB	Roland Boninsegna, Dourbes, Belgium
RD	Roger Diethelm, Rodersdorf, Switzerland
CF	Claire Friedlingstein, Bruxelles, Belgium
RG	Robert Germann, Wald, Switzerland
MKo	Michael Kohl, Uster, Switzerland
SLa	Stéphane Lambert, Bruxelles, Belgium
KL	Kurt Locher, Grüt, Switzerland
GM	George Mavrofridis, Nikea, Greece
EN	Edmond Nezry, Toulouse, France
APs	Anton Paschke, Rüti, Switzerland
HP	Hermann Peter, Otelfingen, Switzerland
YT	Yvon Thirionet, Bruxelles, Belgium
LZ	Laurent Zimmermann, Bruxelles, Belgium

The O-C values generally refer to the linear elements of the GCVS 1985, with the remarked exceptions. For the reduction of the visual minima, the tracing paper method was employed, while the photoelectric data were reduced with the Kwee-van Woerden algorithm.

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
25359	2308+527	RT And	p	47137.462	-0.012	14	SLa	
25360			p	47137.476	+0.002	14	YT	
25361			p	47274.578	-0.003	26	CF	
25362			p	47327.410	-0.001	19	CF	
25363			p	47366.409	+0.005	7	GM	
25364	0000+325	TW And	p	47385.476	-0.043	10	KL	
25365	0041+306	UU And	p	47430.563	+0.017	6	KL	
25366	0042+254	WX And	p	47385.426	+0.005	7	KL	
25367	0153+418	XZ And	p	47353.595	+0.005	7	KL	
25368			p	47368.518	-0.002	10	GM	
25369	2334+484	AD And	s	47391.473	-0.053	8	HP	
25370			p	47432.420	-0.033	12	HP	
25371	0008+418	DO And	p	47397.545	+0.004	6	KL	elem. MVS 11, p. 106
25372	0139+445	EP And	p	47405.398	+0.023	6	KL	
25373	0031+410	HS And	p	47415.523	+0.113	6	KL	
25374	2117-110	RY Aqr	p	47353.494	-0.012	10	MKo	
25375	2202-090	XZ Aqr	p	47381.540	+0.007	6	KL	
25376	2208-230	AO Aqr	p	47412.463	+0.053	9	APs	
25377	2217-203	AT Aqr	s	47382.413	+0.012	6	KL	
25378	2233-009	CX Aqr	p	47367.568	+0.004	7	KL	
25379	2243+007	DD Aqr	p	47397.400	-0.146	22	APs	normal minimum
25380	1900+157	KP Aql	s	47382.321	-0.007	7	GM	
25381			s	47392.421	-0.009	10	HP	
25382	1936+064	LT Aql	p	47382.560	+0.074	6	KL	
25383	1946+091	OO Aql	p	47359.384	+0.006	6	GM	
25384			s	47412.327	-0.010	10	APs	
25385	1914+092	V342 Aql	p	47385.509	+0.020	14	GM	
25386	1936+126	V343 Aql	p	47363.483	-0.026	7	HP	
25387	2007+102	V346 Aql	p	47379.392	+0.001	7	GM	
25388			p	47431.394	+0.003	7	HP	
25389	1913+044	V416 Aql	p	47337.514	-0.027	6	KL	
25390	1932+057	V417 Aql	s	47407.397	-0.030	11	APs	
25391			p	47412.397	-0.027	13	APs	
25392	1935+038	V418 Aql	p	47385.462	-0.071	9	KL	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
25393	1847+106	V479 Aql	p	47430.398	-0.019	6	KL	
25394	2013+008	V589 Aql	p	47385.326	-0.085	7	KL	
25395	1958+085	V760 Aql	p	47384.360	-0.011	6	KL	
25396	1922+159	V1353 Aql	p	47391.387	+0.020	9	HP	
25397			p	47415.444	+0.025	6	HP	
25398	0514+382	RY Aur	p	47430.526	+0.001	6	KL	
25399	0629+324	WW Aur	s	47157.602	-0.008	12	RB	
25400			s	47157.608	-0.002	15	SLa	
25401	0624+304	KU Aur	p	47423.669	+0.023	7	KL	
25402	0537+461	MN Aur	p	47401.494	-0.038	5	KL	elem. IBVS No. 3011
25403	1458+353	TY Boo	p	47349.372	+0.045	7	GM	
25404			p	47353.484	+0.034	8	HP	
25405			p	47368.400	+0.044	8	HP	
25406			p	47374.414	+0.034	10	HP	
25407			p	47374.428	+0.047	13	EBl	
25408			p	47381.407	+0.048	7	HP	
25409			p	47388.382	+0.045	10	EBl	
25410	1353+261	ZZ Boo	p	47286.499	+0.003	20	CF	
25411	1454+465	AC Boo	p	47349.398	+0.057	6	GM	
25412	1432+248	AD Boo	p	47383.313	+0.023	7	GM	
25413	0630+823	SV Cam	p	47375.362	+0.009	7	GM	
25414	0711-180	RXC Ma	p	47432.659	-0.065	5	KL	
25415	2021-131	TY Cap	p	47368.484	+0.011	12	MKo	
25416			p	47388.397	-0.004	9	EBl	
25417	0244+696	RZ Cas	p	46359.351	+0.007	23	EN	
25418			p	46708.368	+0.012	16	EN	
25419			p	46745.420	+0.011	40	EN	
25420			p	46978.505	+0.023	23	EN	
25421			p	46996.414	+0.004	14	EN	
25422			p	47388.459	+0.007	19	EN	
25423			p	47388.462	+0.011	13	FAc	
25424	0016+586	TV Cas	p	47388.458	+0.045	22	EN	
25425	0232+710	AB Cas	p	47263.434	+0.015	9	MKo	
25426			p	47330.411	+0.015	7	EBl	
25427			p	47379.611	+0.008	6	KL	
25428			p	47401.482	+0.009	20	APs	
25429			p	47412.427	+0.019	7	HP	
25430	0130+707	AH Cas	p	47411.579	-0.212	9	KL	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
25431	0028+714	<b>CV Cas</b>	p	47415.523	+0.331	11	KL	
25432	0042+628	<b>CW Cas</b>	p	47392.466	+0.029	9	HP	
25433			p	47415.421	+0.027	8	HP	
25434	0000+574	<b>EY Cas</b>	s	47353.512	-0.095	8	KL	
25435	2304+538	<b>IR Cas</b>	p	47355.528	+0.008	8	GM	
25436			p	47368.467	+0.014	7	HP	
25437			p	47381.402	+0.016	7	HP	
25438			p	47383.431	+0.003	6	GM	
25439			s	47384.446	-0.003	9	HP	
25440			p	47415.437	+0.017	8	HP	
25441	0045+605	<b>OR Cas</b>	p	47389.450	+0.005	6	HP	
25442	0105+612	<b>OX Cas</b>	p	<u>47368.544</u>	<u>+0.019</u>	10	RD	pe, B
25443	2307+589	<b>PV Cas</b>	p	<u>47353.557</u>	<u>-0.010</u>	7	RD	pe, B
25444	2354+627	<b>V375 Cas</b>	p	47366.385	-0.017	7	GM	
25445	0037+499	<b>V523 Cas</b>	p	47353.528	+0.013	8	MKo	
25446			p	47381.452	+0.011	6	KL	
25447			s	47392.449	+0.024	5	HP	
25448			p	47396.522	+0.007	11	HP	
25449			p	47412.424	+0.018	8	HP	
25450			p	47426.320	+0.009	7	HP	
25451	2145+570	<b>SU Cep</b>	p	47389.417	+0.012	8	HP	
25452			p	47399.345	+0.024	7	HP	
25453			s	47412.385	-0.006	6	HP	
25454	2208+628	<b>TV Cep</b>	p	47386.553	+0.055	6	KL	
25455	2038+754	<b>VW Cep</b>	p	46925.499	-0.031	20	APs	
25456			p	47366.358	-0.023	7	GM	
25457	2217+696	<b>WW Cep</b>	p	47323.387	-0.052	7	EBl	
25458			p	47392.381	-0.069	8	HP	
25459			p	47415.390	-0.064	8	HP	
25460	2244+674	<b>WY Cep</b>	s	47374.426	+0.038	7	HP	
25461			s	47384.411	+0.031	7	HP	
25462			s	47389.396	+0.020	6	HP	
25463	2302+631	<b>CW Cep</b>	p	<u>47362.535</u>	<u>-0.027</u>	10	RD	pe, B
25464	2306+609	<b>DP Cep</b>	p	47392.496	-0.018	6	KL	
25465	2017+766	<b>EG Cep</b>	p	47366.360	+0.001	8	GM	
25466	2140+694	<b>EK Cep</b>	p	<u>47353.5445</u>	<u>+0.0036</u>	6	RD	pe, B
25467			p	47362.396	-0.001	6	GM	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
25468	2249+567	<b>GS Cep</b>	p	47363.453	-0.044	7	HP	
25469			p	47390.370	-0.147	7	HP	
25470			p	47400.427	-0.126	13	HP	
25471			p	47431.350	-0.083	11	HP	
25472	2109+575	<b>IO Cep</b>	p	47369.446	+0.020	6	KL	
25473			p	47374.386	+0.018	7	HP	
25474	2300+622	<b>NN Cep</b>	p	47401.356	-0.024	16	APs	
25475	0220+809	<b>V358 Cep</b>	p	47401.363	+0.595	6	KL	elem. BBSAG Bull. 63, 5
25476	0156-231	<b>AA Cet</b>	p	47411.594	+0.006	5	KL	
25477	1230+269	<b>RW Com</b>	p	47263.596	-0.006	6	RB	
25478			p	47263.603	+0.001	6	SLa	
25479			s	47330.399	-0.016	7	EBl	
25480	1232+236	<b>RZ Com</b>	s	47323.392	+0.008	5	EBl	
25481	1209+228	<b>CC Com</b>	p	47353.380	-0.001	7	RG	
25482	2055+344	<b>Y Cyg</b>	s	47364.382	-0.138	7	GM	
25483			s	47385.351	-0.143	8	GM	
25484	2021+430	<b>UW Cyg</b>	p	47375.500	+0.031	10	GM	
25485	2002+414	<b>WW Cyg</b>	p	47368.428	+0.003	8	HP	
25486	2051+386	<b>WZ Cyg</b>	p	47350.482	+0.030	7	GM	
25487			p	47353.405	+0.031	8	HP	
25488			p	47360.432	+0.044	7	GM	
25489			p	47364.504	+0.025	6	GM	
25490			p	47381.464	+0.035	5	HP	
25491			p	47391.401	+0.036	8	HP	
25492			p	47412.440	+0.034	6	HP	
25493	2022+467	<b>ZZ Cyg</b>	p	47356.405	-0.007	8	GM	
25494			p	47361.434	-0.007	7	GM	
25495			p	47366.459	-0.011	5	GM	
25496			p	47378.407	-0.006	6	HP	
25497			p	47383.436	-0.005	9	GM	
25498			p	47415.488	-0.013	6	KL	
25499	2111+305	<b>AE Cyg</b>	p	47379.433	+0.007	7	HP	
25500	1939+466	<b>BR Cyg</b>	p	47361.426	-0.012	6	KL	
25501			p	47365.441	+0.005	9	HP	
25502			p	47385.426	+0.002	11	GM	
25503	2056+349	<b>CG Cyg</b>	p	47360.476	+0.018	7	GM	
25504			p	47362.378	+0.027	7	GM	
25505			p	47374.363	+0.020	9	EBl	
25506			p	47379.422	+0.030	6	GM	
25507			p	47391.413	+0.030	8	HP	
25508	1924+292	<b>DX Cyg</b>	p	47384.420	-0.075	7	KL	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
25509	1928+342	HK Cyg	p	47381.491	-0.034	6	KL	
25510	2007+304	KR Cyg	p	<u>47362.5360</u>	<u>+0.0011</u>	8	RD	pe, B
25511			p	47368.431	-0.020	9	MKo	
25512			p	47374.363	-0.004	9	EBl	
25513			p	47374.382	+0.016	7	HP	
25514			p	47385.380	+0.026	9	GM	
25515			p	47407.340	+0.013	6	HP	
25516			p	47423.397	+0.012	7	HP	
25517	2157+477	MR Cyg	p	47364.428	+0.008	8	GM	
25518	1941+326	V370 Cyg	p	47337.398	-0.005	5	KL	
25519	2016+361	V382 Cyg	p	47362.370	+0.031	6	GM	
25520			p	47426.462	+0.015	9	HP	
25521	2113+372	V387 Cyg	p	47363.504	+0.002	7	HP	
25522	2027+352	V388 Cyg	p	47364.397	-0.016	7	GM	
25523	1927+302	V401 Cyg	s	47353.438	-0.005	4	HP	
25524			p	47362.471	-0.004	6	HP	
25525			p	47383.464	+0.011	6	HP	
25526	2004+352	V448 Cyg	p	47362.377	+0.019	5	GM	
25527	2027+386	V456 Cyg	p	47360.367	+0.018	11	GM	
25528			p	47384.439	+0.027	8	HP	
25529			p	47392.458	+0.026	6	HP	
25530			s	47405.378	+0.024	6	KL	
25531	1952+328	V466 Cyg	p	47350.412	+0.005	6	GM	
25532			p	47389.386	+0.015	9	HP	
25533	2003+318	V477 Cyg	p	47362.483	+0.088	8	GM	
25534	2105+429	V525 Cyg	p	47385.512	-0.012	12	KL	
25535	2151+535	V680 Cyg	p	47379.413	+0.024	8	GM	
25536			p	47379.415	+0.026	7	HP	
25537			p	47385.414	+0.028	9	GM	
25538			p	47391.384	+0.004	9	HP	
25539			p	47415.401	+0.038	9	HP	
25540	1924+298	V687 Cyg	p	47361.450	+0.003	6	KL	
25541			s	47379.381	+0.008	6	HP	
25542			p	47385.356	+0.008	9	GM	
25543			s	47396.436	-0.009	7	HP	
25544			p	47426.318	-0.003	7	HP	
25545			s	47432.287	-0.010	6	HP	
25546	2011+404	V726 Cyg	p	47353.403	+0.022	6	KL	
25547	1930+325	V886 Cyg	p	47382.351	+0.138	10	KL	
25548	1933+281	V909 Cyg	p	<u>47362.533</u>	<u>-0.016</u>	7	RD	pe, B

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
25549	2003+308	<b>V1034 Cyg</b>	p	47384.458	-0.014	10	HP	
25550			p	47385.444	-0.005	8	GM	
25551			p	47387.397	-0.006	8	HP	
25552			p	47431.363	-0.002	7	HP	
25553			p	47432.345	+0.003	10	HP	
25554	2021+523	<b>V1048 Cyg</b>	p	47430.476	-0.002	6	KL	
25555	2117+407	<b>V1665 Cyg</b>	p	47383.376	-0.011	10	KL	
25556	213 +34	<b>SVS 2691 Cyg</b>	p	47383.530	-0.070	8	KL	see footnote
25557			p	47430.349	-0.070	10	KL	
25558	2033+082	<b>TT Del</b>	p	47394.369	-0.003	6	KL	
25559	2101+130	<b>TY Del</b>	p	47353.533	+0.021	6	HP	
25560			p	47353.545	+0.033	9	MKo	
25561			p	47365.449	+0.026	9	HP	
25562			p	47377.369	+0.034	9	GM	
25563			p	47384.500	+0.019	6	HP	
25564			p	47396.423	+0.030	8	HP	
25565	2027+138	<b>YY Del</b>	p	47379.426	+0.012	6	HP	
25566	2051+044	<b>FZ Del</b>	p	47353.541	-0.017	9	MKo	
25567			p	47379.389	-0.015	8	EBl	
25568			p	47379.389	-0.015	6	HP	
25569			p	47379.393	-0.011	8	GM	
25570			p	47397.404	-0.014	11	APs	
25571	1142+725	<b>Z Dra</b>	p	47353.522	-0.032	7	MKo	
25572			p	47368.448	+0.038	7	HP	
25573	1841.626	<b>RR Dra</b>	p	47368.544	+0.036	14	MKo	
25574	1822+588	<b>RZ Dra</b>	p	47337.377	+0.010	7	RG	
25575			p	47364.382	+0.022	8	GM	
25576			p	47375.382	+0.004	8	GM	
25577			p	47380.347	+0.011	7	RG	
25578			p	47380.356	+0.020	7	GM	
25579			p	47397.425	+0.012	10	APs	
25580			p	47407.349	+0.021	7	HP	
25581			p	47412.307	+0.020	8	RG	
25582	1820+475	<b>TZ Dra</b>	p	47330.423	-0.008	6	EBl	
25583			p	47362.474	-0.000	7	GM	
25584			p	47369.404	+0.002	5	GM	
25585			p	47382.377	-0.016	7	HP	
25586	1626+688	<b>UZ Dra</b>	p	47362.358	+0.002	7	GM	
25587			p	47375.437	+0.035	7	GM	
25588			p	47401.488	-0.004	14	APs	

footnote concerning SVS2691 Cyg: The large amplitude EA binary SVS2691 Cyg is not contained in the GCVS, but has the elements 2442950.49 + 2.4642074 \* E published somewhere, for which we have lost the reference but against which it is reduced here.

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
25589	1655+527	AI Dra	p	46359.394	+0.000	20	EN	
25590			p	47360.398	-0.006	8	GM	
25591			p	47384.403	+0.023	22	EN	
25592			p	47390.385	+0.011	18	EN	
25593	1957+734	BS Dra	s	47353.489	-0.002	6	MKo	
25594	1922+698	DW Dra	p	47350.505	-0.010	4	KL	elem. BBSAG Bull. 84, 6
25595	2054+048	S Equ	p	47431.359	+0.028	8	HP	
25596	0647+214	AF Gem	p	47432.608	-0.052	5	KL	
25597	1755+151	Z Her	p	<u>47368.531</u>	<u>-0.050</u>	9	RD	pe, B
25598	1737+329	SZ Her	p	47364.366	-0.013	9	GM	
25599			p	47368.462	-0.008	10	MKo	
25600			p	47372.545	-0.016	5	KL	
25601			p	47382.369	-0.009	6	HP	
25602	1652+169	TT Her	p	47365.485	+0.007	10	APs	
25603			p	47366.405	+0.015	7	GM	
25604			p	47397.416	+0.016	15	APs	
25605	1711+307	TU Her	p	47389.413	-0.006	9	HP	
25606	1717+419	TX Her	p	47415.464	+0.025	10	HP	
25607	1751+169	UX Her	p	47365.519	+0.013	22	APs	normal minimum
25608	1615+090	CC Her	p	47353.481	+0.026	10	HP	
25609	1845+227	DH Her	p	47350.469	+0.000	5	KL	
25610	1732+151	DP Her	p	47353.510	+0.026	7	KL	
25611	1806+458	DQ Her	p	47383.467	-0.001	7	KL	
25612	1848+235	GL Her	p	47362.478	+0.006	9	HP	
25613	1848+246	HS Her	s	<u>47368.508</u>	<u>-0.007</u>	9	RD	pe, B, displ. secondary
25614	1853+121	LP Her	p	47386.452	+0.013	9	KL	
25615	1819+144	MT Her	p	47412.394	+0.003	6	KL	
25616	1749+500	MX Her	p	47379.359	-0.288	8	EBl	
25617	1822+250	V342 Her	p	47383.425	-0.009	7	HP	
25618			p	47389.378	-0.018	8	HP	
25619	1654+377	V359 Her	p	47353.504	+0.052	12	HP	
25620			p	47390.360	+0.037	7	HP	
25621	1716+418	V728 Her	p	47391.449	+0.070	7	HP	
25622			p	47415.545	-0.023	7	HP	



Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
25623	2159+436	RT Lac	s	47377.371	+0.012	7	GM	
25624	2249+374	SW Lac	p	47385.371	+0.001	9	GM	
25625	2238+380	VX Lac	p	47363.403	+0.003	7	HP	
25626			p	47378.439	-0.004	7	HP	
25627			p	47392.417	+0.005	9	HP	
25628	2206+454	AR Lac	p	46345.428	-0.012	27	EN	
25629			p	46349.369	-0.038	40	EN	
25630			p	46351.362	-0.028	28	EN	
25631	2227+535	DG Lac	p	47384.440	-0.061	9	HP	
25632			p	47404.323	-0.037	6	HP	
25633			p	47415.368	-0.024	7	HP	
25634			p	47426.350	-0.075	10	HP	
25635	2231+558	OO Lac	p	47353.455	+0.099	6	KL	
25636	0507-149	Z Lep	p	47423.669	-0.151	6	KL	
25637	1914+323	RV Lyr	p	47401.520	-0.016	7	KL	
25638	1925+415	TT Lyr	p	47367.536	+0.004	7	KL	
25639	1814+410	TZ Lyr	p	47353.444	-0.007	6	HP	
25640			p	47361.385	+0.002	6	GM	
25641			p	47381.481	+0.003	8	HP	
25642			p	47426.425	-0.003	7	HP	
25643	1919+378	UZ Lyr	p	47368.461	-0.006	9	MKo	
25644			p	47368.464	-0.003	8	HP	
25645			p	47387.382	+0.002	9	RG	
25646			p	47387.386	+0.006	7	HP	
25647			p	47423.327	+0.013	9	HP	
25648	1831+377	EW Lyr	p	47423.388	+0.253	7	HP	
25649			p	47427.287	+0.253	6	KL	
25650	1909+365	FH Lyr	p	47415.473	-0.026	6	KL	
25651	1910+462	FL Lyr	p	47304.453	-0.003	27	CF	
25652			p	47365.429	-0.015	10	HP	
25653	1913+337	NV Lyr	p	47415.325	-0.035	6	KL	
25654	1848+333	Beta Lyr	p	47411.78	+9.09	5	RG	
25655	1713+012	U Oph	p	<u>47353.423</u>	<u>+0.003</u>	12	APs pe	
25656	1728+106	V449 Oph	p	47382.482	+0.017	6	KL	
25657	1840+087	V456 Oph	p	47412.385	+0.007	19	APs	
25658	1638+006	V502 Oph	p	47315.410	-0.033	10	APs	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
25659	1738+078	<b>V506 Oph</b>	s	47362.487	+0.028	7	HP	
25660			s	47396.426	+0.033	7	HP	
25661	1756+135	<b>V508 Oph</b>	p	47315.425	+0.008	16	APs	
25662			s	47331.457	+0.007	11	APs	
25663			p	47364.392	+0.015	6	GM	
25664			s	47369.386	+0.009	7	RG	
25665			p	47374.391	+0.015	7	RG	
25666			p	47383.349	+0.008	8	GM	
25667			p	47412.314	+0.011	7	RG	
25668			p	47432.312	+0.011	7	HP	
25669	1752+141	<b>V913 Oph</b>	p	47389.462	-0.009	8	HP	
25670	0454-036	<b>EQ Ori</b>	p	47411.641	-0.031	5	KL	
25671	2327+132	<b>TY Peg</b>	p	47412.332	-0.039	6	KL	
25672			p	47415.434	-0.029	7	HP	
25673	2210+081	<b>AT Peg</b>	p	47412.319	+0.019	5	HP	
25674	2220+160	<b>BB Peg</b>	p	47391.463	-0.002	11	HP	
25675			s	47407.365	-0.006	11	APs	
25676			s	47412.432	-0.000	7	HP	
25677	2250+153	<b>BG Peg</b>	p	47405.345	+0.168	8	RG	
25678	2125+047	<b>BN Peg</b>	p	47353.454	+0.008	8	MKo	
25679			p	47378.422	+0.011	5	HP	
25680			p	47380.546	-0.005	6	KL	
25681			p	47383.407	+0.002	6	GM	
25682	2136+264	<b>BX Peg</b>	p	47362.452	+0.003	7	HP	
25683			s	47374.360	-0.007	8	HP	
25684			p	47378.432	-0.002	6	HP	
25685			s	47381.395	+0.017	6	HP	
25686			s	47389.514	+0.004	7	HP	
25687	2146+278	<b>CW Peg</b>	p	47386.463	+0.032	6	KL	
25688	2205+059	<b>DO Peg</b>	p	47412.383	-0.028	6	KL	
25689	2312+165	<b>EY Peg</b>	p	47391.564	+0.200	7	KL	elem. BBSAG Bull. 85, 5
25690	0405+464	<b>XZ Per</b>	p	47411.513	-0.004	6	KL	
25691	0150+545	<b>BY Per</b>	p	47384.502	-0.002	6	KL	
25692	0156+529	<b>KW Per</b>	p	47415.448	+0.012	6	KL	
25693	0236+454	<b>PS Per</b>	p	47384.566	+0.034	7	KL	
25694	0304+407	<b>Beta Per</b>	p	47393.454	+0.017	15	EN	
25695	2010+191	<b>UZ Sge</b>	p	47392.481	-0.004	6	KL	
25696	2009+191	<b>CK Sge</b>	p	47384.393	-0.023	6	KL	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
25697	1922+164	CU Sge	p	47391.453	+0.014	17	APs	
25698			p	47399.395	+0.040	9	HP	
25699	1957+190	CW Sge	p	47362.470	+0.037	7	HP	
25700			s	47365.444	+0.039	6	HP	
25701			p	47407.333	-0.004	8	HP	
25702	1756-173	WX Sgr	p	47330.525	-0.026	16	APs	
25703			p	47345.426	-0.030	5	KL	
25704			p	47362.462	-0.028	12	APs	
25705	1808-164	XY Sgr	p	47345.431	-0.037	4	KL	
25706	1846-102	RS Sct	p	47368.448	-0.002	9	MKo	
25707			p	47374.430	+0.002	8	EBl	
25708			p	47388.379	+0.002	9	EBl	
25709	1842-061	FG Sct	s	47353.548	-0.033	6	KL	
25710	1739-136	AK Ser	p	47401.324	+0.004	8	KL	
25711	1536+024	AS Ser	p	47363.410	-0.179	7	HP	
25712	1554+224	AU Ser	s	47330.391	+0.002	8	EBl	
25713			p	47353.388	+0.002	8	RG	
25714			p	47368.468	+0.008	8	MKo	
25715			s	47371.350	-0.009	6	RG	
25716			p	47387.380	-0.017	8	RG	
25717			s	47412.321	-0.006	7	RG	
25718	1534+156	CC Ser	s	47412.344	-0.023	8	HP	
25719	1535+190	LX Ser	p	47383.407	+0.000	14	KL	
25720	0400+279	RW Tau	p	47392.553	-0.023	6	KL	
25721	0434+015	AC Tau	p	47430.673	+0.017	7	KL	
25722	0344+249	AH Tau	s	47415.610	-0.056	4	KL	
25723	0128+291	V Tri	p	47391.541	-0.004	4	KL	
25724	0157+276	X Tri	p	47391.477	-0.009	8	HP	
25725			p	47426.452	-0.010	8	HP	
25726	0210+246	RV Tri	p	47415.520	-0.012	6	KL	
25727	0940+561	W UMa	p	47272.438	-0.007	12	YT	
25728			p	47295.459	-0.007	9	SLa	
25729			p	47295.461	-0.005	9	LZ	
25730			p	47296.460	-0.007	7	LZ	
25731	1206+563	TY UMa	s	47374.365	+0.007	6	RG	
25732	1026+620	ZZ UMa	p	47353.504	-0.010	8	MKo	
25733	1707+803	RT UMi	p	47401.44	+0.10	16	APs	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
25734	1337+700	RU UMi	p	47368.421	-0.004	6	MKo	
25735			p	47377.362	+0.014	7	GM	
25736			p	47379.450	+0.002	7	GM	
25737	1325+033	AW Vir	p	47331.415	+0.002	9	APs	
25738	1355-014	BH Vir	p	47330.488	+0.001	7	MKo	
25739			p	47344.376	+0.002	11	GM	
25740	1915+223	RS Vul	p	47387.483	-0.047	43	EN	
25741	2055+276	VV Vul	p	47430.401	+0.042	7	KL	
25742	2026+246	AW Vul	p	47368.532	+0.003	8	HP	
25743			p	47389.501	-0.004	7	HP	
25744			p	47423.375	+0.007	6	HP	
25745	2030+246	AX Vul	p	47392.533	-0.005	6	KL	
25746	2033+224	AY Vul	p	47353.459	-0.003	6	KL	
25747			p	47353.468	+0.007	6	HP	
25748	2023+272	BE Vul	p	47379.603	0.000	7	KL	
25749			p	47387.378	+0.015	7	HP	
25750			p	47432.384	+0.011	13	HP	
25751	1954+237	BO Vul	p	47347.501	+0.033	7	KL	
25752			p	47384.467	+0.029	11	HP	
25753			p	47423.390	+0.033	10	HP	
25754	2023+208	BP Vul	p	47361.497	+0.005	7	KL	
25755			p	47363.441	+0.009	7	HP	
25756			p	47396.424	+0.006	6	HP	
25757	1935+218	BS Vul	p	47363.499	-0.006	7	HP	
25758			p	47365.416	+0.007	6	HP	
25759			p	47426.329	-0.005	8	HP	
25760	2044+280	BU Vul	p	47374.437	+0.000	7	HP	
25761			p	47378.433	+0.013	5	HP	
25762			p	47423.387	+0.016	7	HP	
25763	2023+263	CD Vul	p	47353.522	-0.001	7	HP	
25764	2011+265	DR Vul	p	47377.388	+0.002	9	GM	
25765	1944+287	GP Vul	p	47431.322	-0.027	6	KL	

### Errata BBSAG Bulletin Nr. 88

Nr. 25220 / UV Leo: O-C = +0.0063  
 Nr. 25251/ RV Lyr: O-C = -0.033

### Editorial Note

Starting with this edition, the administrative organization of the BBSAG Bulletin has been newly defined. After many years of issuing and sending the Bulletin by himself, K. Locher has asked for a sharing of the work associated with publishing this Bulletin. Dr. N. Hasler is now in charge of sending the Bulletins. Changes of address and questions concerning subscription of the Bulletin should be addressed directly to him at

Dr. N. Hasler  
Huzlenstrasse 3  
CH-8604 Volketswil / Switzerland

We would like to recall that the BBSAG Bulletin is either sent to institutions in exchange for publications or by subscription. The exchange publications should still be transferred to K. Locher, Rebrain 39, CH-8624 Grüt / Switzerland, as before.

Active observers contributing to our lists of minima receive the bulletin free of charge. The observed minima should be communicated within one month of the observations to the editor of the Bulletin at the address:

R. Diethelm  
Rennweg 1  
CH-4118 Rodersdorf / Switzerland

Dr. N. Hasler, K. Locher, R. Diethelm

### Note on the identification of V886 Cygni

Although we deem *Wachmann's* charts the best usable set of finder charts ever published, it is unsuitable in this particular case for identifying the star at minimum light. The chart designed HBV 238 on page 13 of *Astronomische Abhandlungen der Hamburger Sternwarte Bergedorf No. 6* shows the bright field star, the star "e" and the "var" in correct mutual arrangement, but not drawn is another star 10 arcseconds (= 0.9 mm) east-southeast of the variable, considerably brighter than V886 Cygni at minimum light and therefore easily mistaken for it.

K. Locher