BBSAG

BULLETIN

92

1989 October 15

125. List of Minima of Eclipsing Binaries

The following table lists 1 photoelectric (underlined) and 393 visual heliocentric minima of eclipsing binaries obtained primarily from April to September of 1989 by the following observers:

FAc	Francesco Acerbi, Codogno, Italy
ABe	Arnold Benz, Bülach, Switzerland
CB	Christian Blanchart, Bruxelles, Belgium
GB	Guy Boistel, Sautron, France
JBu	Jaime Busquets, Valencia, Spain
CF	Claire Friedlingstein, Bruxelles, Belgium
SFe	Stéphane Ferrand, Lunel, France
DKa	Daniel Kästli, Bäretswil, Switzerland
MKo	Michael Kohl, Uster, Switzerland
GM	George Mavrofridis, Nikea, Greece
KL	Kurt Locher, Grüt, Switzerland
SLa	Stéphane Lambert, Bruxelles, Belgium
APs	Anton Paschke, Rüti, Switzerland
HP	Hermann Peter, Otelfingen, Switzerland
YT	Yvon Thirionet, Bruxelles, Belgium
JVb	Jacquline Vandenbroere, Bruxelles, Belgium
WWa	Walter Wanner, Gossau, Switzerland

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.

Due to an error in the printing process, the following minima where omitted on page 2 of this issue.

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
26607	2320+650	CM Cep	p	47687.561	-0.032	7	KL	
26608	2047+589	DE Cep	p	47689.496	-0.001	8	KL	
26609	2157+607	DK Cep	p	47803.430	+0.041	6	KL	
26610	2017+766	EG Cep	p	47654.469	+0.006	20	CF	
26611	2249+567	GS Cep		47748.513		9	HP	GCVS period prob. erron.
26612				47757.334		10	HP	
26613				47768.370		12	HP	
26614				47782.346		14	HP	
26615	2109+575	IO Cep	p	47663.548	+0.001	5	KL	
26616			p	47741.424	+0.021	10	HP	
26617	2024+614	HI Cep	p	47654.510	+0.082	7	KL	elem. BBSAG Bull. 81, p.6
26618	2134+656	PX Cep	p	47746.355	-0.026	7	KL	elem. IBVS Nr. 3048
26619	0158+786	V357 Cep	p	47769.570	-0.033	6	KL	elem. Brno C. 28, p.34
26620	0220+809	V358 Cep	p	47760.624	+0.603	5	KL	elem. BBSAG Bull. 63, p.5
26621	0246+015	SS Cet	p	47804.472	-0.014	10	KL	
26622	0146-211	TW Cet	s	47736.566	-0.005	6	KL	
26623	0147-198	VY Cet	p	47744.521	+0.001	6	KL	
26624	0156-231	AA Cet	s	47740.535	+0.007	5	KL	
26625	1232+236	RZ Com	s	47695.407	+0.005	8	HP	
26626	1209+228	CC Com	s	47698.423	-0.006	9	HP	
26627	1604+274	TW CrB	p	47695.467	+0.015	8	HP	
26628			p	47728.433	+0.003	10	HP	
26629			p	47741.401	+0.016	7	HP	
26630			p	47754.351	+0.011	7	HP	
26631	1205-128	W Crv	p	47655.426	+0.000	6	KL	
26632	2005+461	SW Cyg	p	47698.487	-0.077	7	KL	
26633	2021+430	UW Cyg	p	47758.539	+0.033	6	KL	
26634	2104+455	VV Cyg	p	47746.471	-0.007	6	KL	
26635	2002+414	WW Cyg	p	47713.470	-0.003	7	KL	
26636			p	47713.476	+0.003	12	HP	
26637			p	47723.430	+0.003	9	HP	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
26499	0041+306	UU And	p	47769.431	+0.010	7	HP	
26500			p	47769.438	+0.017	5	KL	
26501	0042+284	WX And	p	47748.548	-0.005	7	KL	
26502	0153+418	XZ And	p	47691.557	+0.005	6	KL	
26503	2334+483	AD And	s	47748.505	-0.024	8	HP	
26504			s	47754.430	-0.016	9	HP	
26505			s	47757.393	-0.011	8	HP	
26506			s	47758.362	-0.029	9	HP	
26507			p	47794.371	-0.017	12	HP	
26508	0139+445	EP And	s	47694.546	+0.033	6	KL	
26509	2337+474	EX And	p	47692.542	-0.007	4	KL	
26510	2324+452	LO And	s	47742.484	-0.013	9	HP	
26511			p	47748.381	-0.020	7	HP	
26512			s	47768.366	-0.030	7	HP	
26513	1901+027	FK Aql	p	47737.439	-0.029	5	HP	
26514	2217-203	AT Aqr	p	47746.550	-0.003	6	KL	
26515	2233-009	CX Aqr	p	47739.504	-0.015	6	KL	
26516			p	47768.432	+0.002	5	HP	
26517			p	47778.440	+0.002	7	HP	
26518	2319-162	CZ Aqr	p	47739.601	+0.008	4	KL	
26519	2243+007	DD Aqr	p	47769.450	+0.057	10	HP	
26520	2019-075	XZ Aql	p	47743.483	+0.058	11	HP	
26521			p	47743.485	+0.060	6	KL	
26522	1901+027	FK Aql	p	47745.372	-0.048	7	KL	
26523	1900-063	HY Aql	p	47749.331	+0.009	7	KL	
26524	1900+157	KP Aql	p	47754.429	-0.005	13	HP	
26525	1953+157	V340 Aql	p	47689.432	+0.042	8	KL	
26526	1914+092	V342 Aql	p	47697.464	+0.014	8	HP	
26527			p	47714.438	+0.033	8	HP	
26528			p	47775.446	+0.006	11	HP	
26529	1936+126	V343 Aql	p	47743.470	-0.028	8	HP	
26530			p	47743.480	-0.018	6	KL	
26531	2007+102	V346 Aql	p	47702.452	+0.002	7	HP	
26532			p	47743.388	+0.003	8	HP	
26533			p	47775.467	-0.002	6	HP	
26534	1934+038	V418 Aql	p	47747.520	-0.067	12	KL	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
26535	1847+106	V479 Aql	p	47746.332	-0.018	6	KL	
26536	2013+008	V589 Aql	p	47692.544	-0.044	10	KL	
26537	1948+163	V602 Aql	p	47769.424	+0.114	10	HP	
26538			p	47775.441	+0.106	8	HP	
26539	1958+085	V760 Aql	p	47748.458	-0.016	8	KL	
26540	1858-075	V803 Aql	p	47692.453	-0.004	6	KL	
26541	1943+073	V1157 Aql	p	47749.424		4	KL	period unknown
26542	1922+159	V1353 Aql	s	47734.455	-0.001	9	HP	
26543	0629+324	WW Aur	p	47618.413	-0.013	18	JVb	
26544	1402+302	TU Boo	s	47648.410	-0.037	6	KL	
26545	1458+353	TY Boo	s	47697.442	+0.045	10	HP	
26546			p	47714.419	+0.055	8	HP	
26547			s	47723.450	+0.047	10	HP	
26548	1435+361	BW Boo	p	47678.452	+0.007	9	GB	
26549	1502+478	I (44) Boo	p	47617.324	+0.047	8	GM	
26550	0630+823	SV Cam	p	47617.348	+0.024	9	GM	
26551	1137+805	AL Cam	p	47695.398	-0.010	7	HP	
26552	0447+548	AQ Cam	p	47804.424	+0.012	7	KL	
26553	2021-131	TY Cap	p	47768.461	-0.001	8	HP	
26554	0836+319	RZ Cnc	p	47617.669	+0.093	10	GM	
26555	0720+068	RY CMi	p	47591.57	-0.68	12		APs normal minimum
26556	0727+107	AC CMi	p	47566.35	+0.01	7		APs elem. PASP 98, p. 960
26557			p	47592.377	+0.019	6		APs
26558			p	47612.31	+0.01	11		APs
26559	0722-000	AP CMi	p	47596.30		5		APs see following note
26560	0244+694	RZ Cas	p	47614.361	+0.008	9	YT	
26561			p	47645.438	+0.008	13	YT	
26562			p	47645.440	+0.010	16	SFe	
26563			p	47651.417	+0.010	13	GB	
26564			p	47768.551	+0.011	21	FAc	
26565	0232+710	AB Cas	p	47744.561	+0.003	8	KL	
26566			p	47803.347	+0.013	8	MKo	
26567	0123+698	AE Cas	p	47786.603	+0.070	4	KL	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
26568	0042+628	CW Cas	p	47737.466	+0.038	6	HP	
26569			p	47769.361	+0.049	9	HP	
26570			p	47782.424	+0.039	12	HP	
26571	2350+572	EP Cas	p	47768.409	-0.021	8	HP	
26572			p	47794.431	-0.029	7	HP	
26573	0000+574	EY Cas	p	47750.468	-0.046	7	KL	
26574	2304+538	IR Cas	p	47739.410	-0.016	11	KL	
26575			s	47768.374	+0.018	8	HP	
26576	2347+528	IV Cas	p	47691.503	+0.009	9	HP	
26577			p	47742.419	+0.000	7	HP	
26578			p	47758.396	+0.000	9	HP	
26579			p	47778.379	+0.013	6	HP	
26580	0048+585	KL Cas	p	47786.551	-0.058	4	KL	
26581	0045+605	OR Cas	p	47739.484	-0.006	6	KL	
26582			p	47769.388	+0.001	6	HP	
26583			p	47794.308	+0.007	7	HP	
26584	2309+534	V350 Cas	p	47769.597	+0.023	5	KL	
26585	0028+734	V380 Cas	p	47770.367	-0.045	10	HP	
26586	0037+499	V523 Cas	s	47662.590	+0.019	6	KL	
26587			p	47737.482	+0.012	5	HP	
26588			s	47758.396	+0.012	6	HP	
26589			p	47782.348	+0.010	5	HP	
26590			p	47803.389	+0.019	6	MKo	
26591	1140-355	V752 Cen	s	47663.272	-0.001	6	KL	
26592	0057+816	U Cep	p	47625.531	+0.028	20	JVb	
26593			p	47625.542	+0.039	31	YT	
26594			p	47625.544	+0.041	30	CB	
26595			p	47645.486	+0.039	20	YT	
26596			p	47645.490	+0.043	16	CF	
26597			p	47665.421	+0.030	11	KL	
26598	2038+754	VW Cep	p	47748.511	+0.005	8	FAc	
26599			p	47768.545	-0.000	18	FAc	
26600	2217+696	WW Cep	p	47737.432	-0.078	9	HP	
26601			p	47757.392	-0.055	8	HP	
26602	2244+674	WY Cep	s	47695.419	+0.024	7	HP	
26603			s	47770.368	+0.029	9	HP	
26604			s	47775.372	+0.037	6	HP	
26605	2336+640	XX Cep	p	47754.442	-0.007	7	HP	
26606	2225+654	BR Cep	p	47750.566	-0.049	7	KL	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
26638	2051+386	WZ Cyg	p	47662.552	-0.005	5	KL	
26639			p	47713.442	+0.036	8	HP	
26640			p	47727.463	+0.030	10	HP	
26641			p	47754.349	+0.031	7	HP	
26642			p	47782.402	+0.029	7	HP	
26643	2022+467	ZZ Cyg	p	47662.536	-0.011	5	KL	
26644			p	47691.454	-0.010	9	HP	
26645			p	47723.512	-0.012	7	HP	
26646	1939+466	BR Cyg	p	47694.587	+0.008	6	KL	
26647	2056+349	CG Cyg	p	47692.461	+0.023	8	HP	
26648			p	47728.437	+0.024	9	HP	
26649	1952+379	CV Cyg	p	47778.354	-0.090	7	HP	
26650	1924+292	DX Cyg	p	47776.344	-0.067	6	KL	
26651	1928+342	HK Cyg	p	47670.413	-0.028	6	KL	
26652	2007+304	KR Cyg	p	47734.423	+0.022	7	HP	
26653	1941+326	V370 Cyg	p	47770.361	-0.012	5	KL	
26654	2016+361	V382 Cyg	s	47757.392	+0.038	9	HP	
26655	2113+372	V387 Cyg	p	47691.492	+0.005	9	HP	
26656			p	47741.456	+0.002	7	HP	
26657	2044+340	V398 Cyg	p	47800.372	-0.055	5	KL	elem. IBVS Nr. 3309
26658	1927+302	V401 Cyg	s	47691.425	+0.003	7	HP	
26659			p	47728.419	-0.006	7	HP	
26660			s	47758.436	+0.001	11	HP	
26661			p	47770.386	+0.005	6	HP	
26662	2026+381	V445 Cyg	p	47749.557	+0.121	6	KL	
26663	2027+389	V456 Cyg	p	47694.573	+0.027	6	KL	
26664			p	47728.426	+0.015	11	HP	
26665			p	47778.348	+0.029	7	HP	
26666	1952+328	V466 Cyg	p	47748.400	+0.005	8	HP	
26667			p	47794.352	+0.035	12	HP	
26668	2105+429	V525 Cyg	p	47748.428	+0.002	7	KL	
26669	2137+547	V642 Cyg	p	47777.426	+0.237	7	KL	
26670	2151+535	V680 Cyg	p	47770.314	+0.006	7	HP	
26671			p	47794.317	+0.026	8	HP	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
26672	1924+298	V687 Cyg	s	47734.474	-0.002	12	HP	
26673			s	47758.385	+0.007	10	HP	
26674			s	47775.421	-0.030	6	HP	
26675			p	47805.314	-0.014	4	KL	
26676	2011+404	V726 Cyg	p	47692.524	+0.025	5	KL	
26677	2040+531	V749 Cyg	p	47775.431	+0.406	6	KL	
26678	2003+308	V1034 Cyg	p	47769.385	+0.002	8	HP	
26679	2021+523	V1048 Cyg	p	47689.516	+0.001	6	KL	
26680	2040+382	V1788 Cyg		47768.6	-1.9	4	KL	elem. BBSAG Bull 68, p. 6
26681	2129+336	V1908 Cyg	p	47775.354	-0.054	6	KL	elem. Perem. Z. 22, p.359
26682	2035+181	W Del	p	47740.517	-0.032	6	KL	
26683			p	47769.366	-0.020	10	HP	
26684	2033+082	TT Del	p	47770.479	-0.009	5	KL	
26685	2101+130	TY Del	p	47714.444	+0.020	8	HP	
26686			p	47770.433	+0.027	9	HP	
26687	2027+138	YY Del	p	47662.538	-0.011	5	KL	
26688			p	47743.445	+0.001	11	HP	
26689			p	47770.406	-0.003	8	HP	
26690			p	47778.353	+0.013	6	HP	
26691	2025+135	BH Del	p	47770.385	+0.043	9	KL	
26692	2051+044	FZ Del	p	47736.532	-0.017	6	KL	
26693			p	47762.378	-0.018	5	HP	
26694	1142+725	Z Dra	p	47649.432	-0.047	8	KL	
26695	1841+626	RR Dra	p	47654.502	+0.031	7	KL	
26696	1822+588	RZ Dra	p	47695.453	+0.017	8	HP	
26697			p	47727.401	+0.015	8	HP	
26698			p	47775.328	+0.016	6	HP	
26699	1820+475	TZ Dra	p	47757.383	+0.003	8	HP	
26700			p	47770.372	-0.004	9	HP	
26701	1926+688	UZ Dra	p	47737.406	-0.000	8	HP	
26702			s	47768.370	-0.018	8	HP	
26703	1655+527	AI Dra	p	47590.583	+0.007	13	JBu	
26704			p	47662.502	-0.003	30	JVb	
26705			p	47674.493	+0.000	15	JVb	
26706			p	47740.439	+0.011	10	JBu	
26707	1214+651	AR Dra	p	47698.434	-0.012	6	KL	
26708	1851+698	BF Dra	p	47702.434	+0.186	7	HP	GCVS period prob. erron.
26709	1457+569	BU Dra	p	47727.396	-0.010	9	HP	
26710	1922+698	DW Dra	p	47713.525	+0.008	5	KL	elem. BBSAG Bull. 84, p.6
26711	2054+048	S Equ	p	47778.410	+0.033	11	HP	
26712	0419-061	TZ Eri	p	47803.658	+0.052	6	KL	
26713	0427-123	AM Eri	s	47804.559	-0.047	6	KL	
26714	0558+231	RW Gem	p	47768.566	+0.003	6	KL	
26715	1737+329	SZ Her	p	47669.518	-0.012	6	KL	
26716			p	47692.430	-0.007	8	HP	
26717			p	47723.513	-0.012	7	HP	
26718			p	47769.329	-0.009	8	HP	
26719			p	47778.329	-0.009	6	HP	
26720	1711+307	TU Her	p	47670.506	-0.021	8	KL	
26721	1717+419	TX Her	p	47625.552	+0.013	19	JVb	
26722			p	47757.384	+0.017	10	HP	
26723	1751+169	UX Her	p	47757.384	+0.019	10	HP	
26724	1615+090	CC Her	p	47686.409	+0.024	6	KL	
26725	1618+185	CT Her	p	47728.431	+0.003	11	HP	
26726	1845+227	DH Her	p	47742.372	+0.012	6	KL	
26727	1732+151	DP Her	p	47689.384	+0.043	5	KL	
26728	1806+458	DQ Her	p	47746.507	-0.001	8	KL	
26729	1622+114	FN Her	p	47713.468	+0.146	12	HP	
26730			p	47748.415	+0.150	10	HP	
26731	1848+235	GL Her	p	47803.337	+0.010	6	KL	
26732	1853+121	LP Her	p	47747.453	+0.081	11	KL	
26733	1819+144	MT Her	p	46320.390	-0.000	16	ABe	
26734			p	47649.423	+0.002	5	KL	
26735	1751+437	V338 Her	p	47762.418	-0.000	7	HP	
26736	1822+250	V342 Her	p	47762.455	+0.001	5	HP	
26737	1654+377	V359 Her	p	47713.468	+0.090	8	HP	
26738			p	47727.421	-0.003	9	HP	
26739			p	47734.455	+0.008	10	HP	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
26740	1716+418	V728 Her	p	47702.440	-0.039	8	HP	elem. IBVS 3234
26741			s	47714.431	-0.067	6	HP	
26742			p	47743.467	-0.014	9	HP	
26743			s	47748.435	+0.005	9	HP	
26744			s	47757.399	+0.014	10	HP	
26745			p	47768.350	-0.109	8	HP	
26746			s	47775.360	+0.067	8	HP	
26747			s	47782.311	-0.052	6	HP	
26748	2228+543	TW Lac	p	47742.458	+0.033	9	HP	
26749	2212+496	TZ Lac	p	47776.463	+0.184	7	KL	
26750	2247+447	VY Lac	p	47752.390	-0.111	6	HP	
26751			p	47754.452	-0.121	10	HP	
26752			s	47794.360	-0.109	7	HP	
26753	2213+484	AU Lac	p	47770.318	-0.033	6	KL	
26754	2226+535	DG Lac	p	47748.496	-0.083	12	HP	
26755			p	47757.350	-0.055	7	HP	
26756			p	47768.365	-0.071	8	HP	
26757			p	47790.434	-0.069	7	KL	
26758	0933+264	Y Leo	p	47655.358	-0.003	6	KL	
26759	1114-063	UX Leo	p	47649.385	-0.199	14	APs	
26760			p	47654.416	-0.204	10	APs	
26761	0931+191	WZ Leo	p	47649.375	-0.461	11	APs	
26762	0958+176	XY Leo	s	47649.42	+0.02	9	APs	
26763			p	47654.398	+0.023	14	APs	
26764	1102+054	AP Leo	p	47617.370	+0.003	8	APs	
26765			p	47617.375	+0.008	7	GM	
26766			s	47640.378	-0.013	11	APs	
26767			s	47649.420	-0.008	12	APs	
26768			p	47654.373	-0.004	13	APs	
26769	1142+250	BL Leo	p	47654.408	-0.010	6	KL	
26770	1141+236	CE Leo	p	47655.402	-0.003	16	APs	
26771		RR VI-51 Lyn		47625.481	-0.030	16	JVb	elem. GEOS Circ. EB 16
26772	0945+335	T LMi	p	47680.401	-0.000	5	KL	
26773	1914+323	RV Lyr	p	47671.446	-0.019	5	KL	
26774			p	47743.453	+0.007	8	HP	
26775	1925+415	TT Lyr	p	47729.373	+0.023	6	KL	
26776	1814+410	TZ Lyr	p	47692.431	+0.003	10	HP	
26777			p	47728.391	+0.002	8	HP	
26778			p	47748.487	+0.003	8	HP	
26779			p	47782.328	-0.000	10	HP	
26780	1919+378	UZ Lyr	p	47697.558	+0.010	6	KL	
26781			p	47769.418	+0.002	7	HP	
26782	1915+328	BV Lyr	p	47690.381	-0.022	6	KL	
26783	1831+377	EW Lyr	p	47649.435	+0.247	5	KL	
26784			p	47723.490	+0.250	10	HP	
26785			p	47803.384	+0.247	8	MKo	
26786	1910.462	FL Lyr	p	47659.497	+0.001	11	JVb	
26787	1913+337	NV Lyr	p	47680.436	-0.050	5	KL	
26788	1912+383	V401 Lyr	p	47750.298	-0.230	6	KL	
26789	0700+003	HM Mon	p	47801.648	-0.015	6	KL	
26790	0635+036	V396 Mon	p	47801.635	-0.002	6	KL	
26791	1713+012	U Oph	s	47654.509	+0.006	12	JVb	
26792			s	47659.524	-0.012	11	JVb	
26793			p	47670.450	+0.012	12	JVb	
26794			p	47675.473	+0.003	12	JVb	
26795	1732+072	RV Oph	p	47672.410	+0.015	5	WWa	
26796			p	47672.411	+0.016	5	DKa	
26797			p	47742.446	-0.004	10	HP	
26798	1755+046	V391 Oph	p	47655.461	-0.001	6	KL	
26799	1728+106	V449 Oph	p	47689.516	+0.012	7	KL	
26800	1816+142	V501 Oph	p	47762.443	-0.001	5	HP	
26801	1738+078	V506 Oph	s	47713.489	+0.029	8	HP	
26802	1756+135	V508 Oph	s	47693.480	-0.002	5	KL	
26803			p	47697.458	+0.011	9	HP	
26804			s	47723.488	+0.010	7	HP	
26805	1834+104	V636 Oph	p	47747.525	+0.015	7	KL	
26806	1752+141	V913 Oph	p	47690.508	+0.017	8	KL	
26807	1820+040	V916 Oph	p	47687.543	+0.042	6	KL	
26808	0454-036	EQ Ori	p	47769.588	-0.026	6	KL	
26809	2327+132	TY Peg	p	47780.312	-0.034	4	KL	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
26810	2226+177	UX Peg	p	47663.547	-0.008	6	KL	
26811			p	47748.505	-0.003	7	HP	
26812	2220+160	BB Peg	s	47742.480	-0.003	7	HP	
26813			p	47778.450	+0.005	8	HP	
26814	2125+047	BN Peg	p	47736.491	+0.004	7	KL	
26815	2136+264	BX Peg	p	47742.442	+0.022	10	HP	
26816	2312+165	EY Peg	p	47691.556	+0.360	6	KL	elem. BBSAG Bull. 85, p.5
26817	0236+419	Z Per	p	47740.532	-0.058	7	KL	
26818	0320+463	RT Per	p	47744.542	+0.028	8	KL	
26819	0407+341	RV Per	p	47797.674	-0.004	5	KL	
26820	0242+479	RY Per	p	47565.260	-0.057	5	KL	
26821	0150+545	BY Per	p	47746.442	+0.012	6	KL	
26822	0156+529	KW Per	p	47739.513	-0.001	8	KL	
26823	2331+076	Y Psc	p	47736.514	-0.025	6	KL	
26824			p	47770.404	-0.027	11	HP	
26825	0054+120	SX Psc	p	47741.504	-0.000	6	KL	
26826	0849-272	RZ Pyx	p	47613.378	-0.011	10	MKo	
26827	1922+163	CU Sge	p	47695.451	+0.009	10	HP	
26828			p	47714.450	+0.008	7	HP	
26829			p	47737.428	+0.027	10	HP	
26830			p	47748.491	+0.007	14	HP	
26831			p	47775.418	+0.017	11	HP	
26832			p	47794.412	+0.010	10	HP	
26833	1957+190	CW Sge	s	47713.434	+0.026	7	HP	
26834			p	47714.438	+0.040	8	HP	
26835			s	47748.402	-0.005	7	HP	
26836			s	47754.372	+0.023	7	HP	
26837			p	47794.339	+0.038	7	HP	
26838	1756-173	WX Sgr	p	47739.329	-0.042	10	KL	
26839	1910-363	BQ Sgr	p	47742.358	-0.186	6	KL	
26840	1836-227	DV Sgr	p	47739.346	-0.114	4	KL	
26841	1950-147	V505 Sgr	p	47740.514	+0.003	27	JBu	
26842	1842-061	FG Sct	s	47747.502	+0.004	9	KL	
26843			s	47748.320	+0.010	6	KL	
26844	1739-138	AK Ser	p	47747.387	+0.003	7	KL	
26845	1556+173	AO Ser	p	47668.390	+0.010	6	KL	
26846			p	47697.415	+0.016	8	HP	
26847			p	47741.379	+0.013	7	HP	
26848	1554+224	AU Ser	p	47668.379	-0.005	6	KL	
26849			s	47713.475	+0.063	16	HP	
26850			s	47723.516	+0.055	8	HP	
26851			s	47737.427	+0.053	10	HP	
26852			p	47743.440	+0.075	10	HP	
26853	1553+176	BI Ser	p	47727.400	-0.469	8	HP	
26854	1534+156	CC Ser	p	47697.429	-0.031	9	HP	
26855			p	47714.446	-0.042	8	HP	
26856			p	47743.378	-0.007	8	HP	
26857			p	47758.349	-0.000	7	HP	
26858	1535+190	LX Ser	p	47746.376	+0.000	6	KL	
26859	0400+279	RW Tau	p	47763.569	-0.031	5	KL	
26860	0434+015	AC Tau	p	47800.515	+0.011	6	KL	
26861	0344+249	AH Tau	s	47757.598	-0.058	6	KL	
26862	0412+305	BN Tau	p	47797.640	-0.009	5	KL	
26863	0526+287	ES Tau	p	47776.566	+0.000	9	KL	
26864	0128+301	V Tri	p	47741.494	-0.004	8	KL	
26865	0157+276	X Tri	p	47528.464	-0.008	15	SLa	
26866			p	47528.483	+0.010	15	CF	
26867			p	47803.404	-0.013	9	MKo	
26868	0222+278	RW Tri	p	47748.471	-0.002	7	KL	
26869	0940+561	W UMa	p	47614.413	-0.011	8	YT	
26870	1138+522	RW UMa	p	47655.452	-0.019	6	KL	
26871	1339+596	TW UMa	p	47655.476	-0.053	6	KL	
26872	1334+521	UX UMa	p	47654.413	-0.004	6	KL	
26873	1026+620	ZZ UMa	p	47691.506	+0.001	9	HP	
26874			p	47698.407	+0.004	7	HP	
26875	1325+033	AW Vir	s	47671.43	+0.00	11	APs	
26876	1340+048	AZ Vir	p	47649.420	-0.002	12	APs	
26877	1355-014	BH Vir	s	47654.392	+0.015	13	APs	
26878	1442-065	GR Vir	s	47650.515	-0.010	18	APs	pe

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
26879	1927+273	XZ Vul	p	47690.519	-0.031	6	KL	
26880	2026+246	AW Vul	p	47769.337	+0.002	7	HP	
26881			p	47794.338	+0.003	7	HP	
26882	2033+224	AY Vul	p	47768.416	+0.014	9	HP	
26883	2023+272	BE Vul	p	47702.438	+0.008	7	HP	
26884			p	47803.314	+0.003	6	MKo	
26885	1954+237	BO Vul	p	47670.516	+0.034	9	KL	
26886			p	47742.510	+0.030	11	HP	
26887	2023+208	BP Vul	p	47790.313	+0.003	6	KL	
26888	1935+218	BS Vul	p	47692.403	+0.002	7	HP	
26889			p	47762.386	+0.017	7	HP	
26890			p	47782.354	-0.005	10	HP	
26891	2044+280	BU Vul	p	47782.399	-0.007	8	HP	
26892	2023+263	CD Vul	p	47762.406	+0.003	7	HP	

On the Period of AP CMi

The discovery of AP CMi as a variable star was published by O. Morgenroth (AN 5981). The star was there assigned the number 344.1933. A few observations have been made by Pagaczewski at Krakow around 1935. The AAVSO has published a finding chart, but no other observations than the ones mentioned above are known to the writer.

I have begun to observe the star at the end of 1987, and the first observation showed the star at minimum light ! During 56 nights of observation since then, only two additional minima were found. All three minima have been published in the BBSAG Bulletin (No. 88 and 92). The first and the last minimum are incompletely covered, as only the ascending branch of the light curve was observed. Thus, the basis for the calculation of the period is rather meager.

The most probable elements are

$$JD_{min,\,hel} = 2447159.42 + 4.1605 * E .$$

Figure 86 shows a plot of all observations folded with the period given above. There are several observations confusing the light curve in Figure 86, which may be caused by the rarely used comparison star C, which might have a unfavorable color. The writer also has the impression, that AP CMi has become generally fainter since JD 2447560.

A. Paschke

Figure 86