

BBSAG

BULLETIN

88

1988 June 30

121th List of Minima of Eclipsing Binaries

The following table lists 15 photoelectric (underlined) and 298 visual heliocentric minima of eclipsing binaries obtained primarily from March to June 1988 by the following observers:

EBl	Ernst Blättler, Wald, Switzerland
GB	Guy Boistel, Sautron, France
RD	Roger Diethelm, Rodersdorf, Switzerland
RG	Robert Germann, Wald, Switzerland
MKo	Michael Kohl, Uster, Switzerland
KL	Kurt Locher, Grüt, Switzerland
GM	George Mavrofridis, Nikea, Greece
MM	Marcel Meyer, Uster, Switzerland
APs	Anton Paschke, Rüti, Switzerland
HP	Hermann Peter, Otelfingen, Switzerland
TS	Thomas Schildknecht, Barga, Switzerland
AWe	Andreas Weymann, Wetzikon, Switzerland
MWü	Markus Wüest, Uster, Switzerland
JZ	Jürgen Zarske, Bäretswil, 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.

Nr	Design	Star	Type	O	O-C	n	Obs	Remarks
25046	0153+418	XZ And	p	47330.521	+0.004	6	KL	
25047	2309+366	AB And	p	47159.263	-0.002	8	GM	
25048	0205+405	BX And	p	47114.270	-0.009	8	GM	
25049	0008+418	DO And	p	47331.462	+0.007	5	KL	
25050	0209+444	6Z And	s	47322.597	+0.004	7	KL	
25051	1901+027	FK Aql	p	47326.543	-0.039	7	KL	
25052	1914+092	V342 Aql	p	47307.512	+0.014	9	HP	
25053	1908+004	V348 Aql	p	47304.491	-0.021	7	APs only asc. branch observed	
25054	1847+106	V479 Aql	p	47294.534	-0.007	6	KL	
25055	1935+106	V640 Aql	p	47296.548	-0.086	6	KL	
25056	1958+142	V761 Aql	p	47330.568	+0.081	6	KL	
25057	1858-075	V803 Aql	s	47304.557	-0.006	5	KL	
25058	1908+120	V917 Aql	p	47304.404	+0.032	7	KL	
25059	0212+223	RX Ari	p	47113.330	+0.006	9	GM	
25060	0201+237	SS Ari	p	47113.305	-0.046	9	GM	
25061			p	47128.345	-0.028	9	GM	
25062			p	47208.292	-0.062	6	GM	
25063	0542+411	ZZ Aur	p	47232.426	+0.011	12	HP	
25064	0510+370	EM Aur	p	47235.340	-0.025	6	HP	
25065	0507+357	HP Aur	p	47235.377	+0.015	7	HP	
25066	0602+483	KO Aur	p	47148.341	+0.063	11	GM	
25067			p	47235.346	+0.038	11	HP	
25068	1402+302	TU Boo	s	47239.586	+0.018	7	HP	
25069			p	47250.364	-0.020	5	KL	
25070			p	47263.332	-0.024	7	RG	
25071	1458+353	TY Boo	p	47263.394	+0.014	9	EBl	
25072			p	47269.414	+0.008	7	EBl	
25073			s	47273.378	+0.008	8	EBl	
25074			s	47273.413	+0.043	7	HP	
25075			p	47276.424	+0.042	12	HP	
25076			p	47303.386	+0.047	6	HP	
25077	1415+127	VW Boo	p	47276.3988	+0.0107	9	RD pe, B	
25078	1346+204	XY Boo	s	47288.4252	+0.0483	7	RD pe, B	
25079	1454+465	AC Boo	p	47262.350	+0.058	7	GM	
25080			p	47324.376	+0.057	7	GM	
25081	1432+093	CK Boo	s	47304.428	-0.038	9	RD pe, B	
25082	1137+805	AL Cam	p	47262.354	-0.017	9	GM	
25083			p	47307.518	-0.016	5	HP	
25084	0524+694	AS Cam	s	47270.3851	-0.2142	8	RD pe, B, displaced secondary	
25085	0906+821	AZ Cam	s	47273.378	+0.001	7	HP	
25086	0837+191	TX Cnc	p	47266.354	-0.049	13	APs	
25087	0906+306	VW Cnc	p	47234.281	-0.287	6	KL	
25088	0843+330	WX Cnc	p	47234.357	-0.012	8	HP	
25089			p	47267.440	+0.004	11	HP	
25090	0858+268	WY Cnc	p	47210.253	+0.007	6	GM	
25091	1354+289	YZ CVn	p	47250.380	+0.018	4	KL	
25092	0717-163	R CMa	p	47230.345	+0.034	10	APs	
25093	0629-241	TU CMa	p	47246.335	-0.005	6	GM	
25094	0720+068	RY CMI	p	47170.4	-0.6	7	APs normal minimum	
25095			p	47206.31	-0.64	6	APs pg	
25096	0748+037	UZ CMI	s	47206.304	-0.214	15	APs normal minimum	
25097			p	47207.418	-0.243	14	APs normal minimum	
25098			p	47213.498	-0.258	13	APs	
25099	0751+037	XZ CMI	p	47207.420	-0.005	15	APs	
25100			p	47232.331	+0.017	8	HP	
25101			p	47233.475	+0.005	8	HP	
25102	0604+020	YY CMI	s	47208.465	+0.042	23	APs	
25103			p	47214.465	+0.024	21	APs	
25104	0727+107	AC CMI	p	47213.39	+0.04	12	APs	
25105	0705+063	A6 CMI	p	47234.347	-0.009	7	HP	
25106			p	47239.330	-0.019	9	HP	
25107	0737+040	AK CMI	p	47170.475	-0.000	10	APs	
25108			p	47208.388	-0.002	7	GM	
25109			p	47213.479	-0.004	12	APs	
25110			p	47234.412	-0.009	7	HP	
25111			p	47246.305	-0.000	9	GM	
25112	0720-000	AP CMI	p	47159.421		5	APs GCVS elem. incomplete	
25113			p	47213.49		16	APs	

Nr	Design	Star	Type	O	O-C	n	Obs	Remarks
25114	0727+046	BF CHI	p	47233.431	-0.021	7	HP	
25115			p	47239.329	-0.027	8	HP	
25116	0232+710	AB Cas	p	47203.295	+0.019	6	GM	
25117	2304+538	IR Cas	p	47310.581	-0.014	6	KL	
25118	1140-355	V752 Cen	s	47262.325	+0.005	8	KL	
25119	0057+816	U Cep	p	47261.547	+0.029	6	KL	
25120	2306+609	DP Cep	p	47326.441	-0.035	5	TS	
25121			p	47326.450	-0.027	5	KL	
25122	2017+766	E6 Cep	p	47324.424	+0.001	7	GM	
25123	2024+614	HI Cep	p	47321.492	+0.093	6	KL	elem. BBSAG Bull. 81. 6
25124	2134+656	PX Cep	p	47330.439	-0.051	5	KL	elem. IBVS No. 3048
25125	0220+809	V358 Cep	p	47277.485	+0.564	6	KL	elem. BBSAG Bull. 63. 5
25126	0212-124	RW Cet	p	47148.298	-0.004	7	GM	
25127	1230+269	RW Com	s	47266.323	-0.009	7	RG	
25128			s	47273.436	-0.016	8	HP	
25129			p	47276.417	-0.002	8	HP	
25130			p	47303.470	-0.005	7	HP	
25131	1232+236	RZ Com	p	47266.351	+0.005	9	RG	
25132			p	47270.420	+0.014	8	HP	
25133			s	47303.422	+0.012	9	HP	
25134	1209+228	CC Com	p	47270.402	-0.002	8	HP	
25135			s	47288.387	-0.002	7	HP	
25136			s	47303.396	-0.000	6	HP	
25137	1205-129	W Crv	p	47239.404	+0.002	7	HP	
25138			p	47262.301	+0.001	6	KL	
25139	1235-193	RV Crv	p	47270.438	+0.004	10	APs	
25140	1604+274	TW CrB	p	47274.424	+0.015	10	HP	
25141			p	47304.444	+0.004	7	HP	
25142	2050+344	Y Cyg	s	47304.480	-0.145	10	RD	pe. B; displ. secondary
25143	2021+430	UW Cyg	p	47306.491	+0.037	6	KL	
25144	2104+455	VV Cyg	p	47322.564	-0.002	6	KL	
25145	2051+386	WZ Cyg	p	47323.564	-0.003	5	KL	
25146			p	47326.520	+0.031	7	HP	
25147	2022+467	ZZ Cyg	p	47310.513	-0.010	6	KL	
25148	1939+466	BR Cyg	p	47261.506	+0.010	6	KL	
25149	2056+349	C6 Cyg	9	47326.397	+0.021	7	HP	
25150	1924+292	DX Cyg	p	47277.550	-0.058	6	KL	
25151	1933+281	FR Cyg	p	47304.550	+0.129	11	KL	
25152	1928+342	HK Cyg	p	47322.397	-0.031	6	KL	
25153	2026+381	V445 Cyg	p	47304.526	+0.123	7	KL	
25154	2027+389	V456 Cyg	p	47326.510	+0.027	8	HP	
25155	1952+328	V466 Cyg	p	47304.490	+0.005	7	HP	
25156	2003+318	V477 Cyg	s	47304.431	-0.463	9	RD	pe. B; displ. secondary
25157	2128+499	V616 Cyg	p	47331.534	-0.212	6	KL	
25158	1924+298	V687 Cyg	p	47276.537	+0.006	6	KL	
25159	2011+404	V726 Cyg	p	47321.548	+0.037	4	KL	
25160	2021+523	V1048 Cyg	p	47303.561	+0.003	6	KL	
25161	2040+382	V1788 Cyg		47334.2	+0.2	4	KL	elem. BBSAG Bull. 68. 6
25162	1142+725	Z Dra	p	47239.494	-0.034	6	KL	
25163			p	47273.431	-0.033	8	HP	
25164			p	47288.362	-0.033	11	HP	
25165	1820+475	TZ Dra	p	47304.452	+0.002	8	HP	
25166			p	47324.372	+0.003	8	GM	
25167	1626+688	UZ Dra	p	47326.486	+0.004	8	HP	
25168	1655+527	AI Dra	p	47276.504	+0.018		GB	
25169			p	47324.426	-0.014	7	GM	
25170	1214+651	AR Dra	p	47239.550	-0.003	6	KL	
25171	1851+698	BF Dra	p	47276.3948	+0.1611	7	RD	pe. B
25172	1922+698	DW Dra	p	47296.560	+0.005	6	KL	elem. BBSAG Bull. 84. 6
25173	0352-150	RU Eri	p	47203.268	+0.010	7	GM	
25174			p	47208.326	+0.010	8	GM	
25175	0409-105	YY Eri	p	47128.387	+0.024	9	GM	
25176			p	47202.340	+0.033	8	GM	
25177			p	47203.304	+0.033	8	GM	
25178	0444-147	BC Eri	p	47176.395		14	APs	6CVS elem. incomplete

Nr	Design	Star	Type	O	O-C	n	Obs	Remarks
25179	0409-119	BL Eri	p	47207.316	-0.064	9	APs elem. IBVS 2850	
25180	0409-061	BZ Eri	p	47159.258	+0.009	8	GM	
25181	0625+205	SX Gem	p	47205.292	-0.047	14	APs normal minimum	
25182	0733+170	TX Gem	p	47207.357	+0.008	7	EBl	
25183			p	47235.342	-0.006	7	HP	
25184			p	47263.353	+0.004	10	EBl	
25185	0629+198	AC Gem	p	47231.426	+0.023	8	HP	
25186	0647+214	AF Gem	p	47232.413	-0.043	9	HP	
25187			p	47247.331	-0.047	6	GM	
25188	0631+155	BD Gem	p	47232.362	-0.009	8	HP	
25189	0622+180	BO Gem	p	47231.455	+0.138	7	HP	
25190	0644+169	F6 Gem	p	47233.467	+0.153	9	HP	
25191	0749+272	6W Gem	p	47234.468	+0.010	9	HP	
25192			p	47267.435	+0.006	8	HP	
25193	1828+125	RX Her	s	47273.5886	+0.0007	7	RD pe, B	
25194	1737+329	SZ Her	p	47260.475	-0.006	6	KL	
25195	1652+169	TT Her	p	47324.444	+0.010	5	GM	
25196	1711+307	TU Her	p	47262.461	-0.006	6	KL	
25197	1717+419	TX Her	s	47276.4152	+0.0133	8	RD pe, B	
25198	1711+164	AK Her	s	47273.6000	+0.0016	7	RD pe, B	
25199	1615+090	CC Her	p	47254.628	+0.010	8	KL	
25200	1618+185	CT Her	p	47326.503	+0.010	8	HP	
25201	1732+151	DP Her	p	47330.409	+0.026	6	KL	
25202	1806+458	DQ Her	p	47304.472	+0.000	6	KL	
25203	1819+144	MT Her	p	47330.463	+0.009	6	KL	
25204	1704+277	V366 Her	p	47326.547	-0.042	7	KL	
25205	1714+209	V381 Her	p	47239.625	+0.084	6	KL	
25206	1716+418	V728 Her	47304.469		8	RD pe, B; period not known		
25207	0811+006	WY Hya	p	47205.505	+0.013	16	APs	
25208			s	47207.302	+0.021	9	EBl	
25209			p	47208.355	-0.001	11	APs	
25210			p	47213.375	+0.007	16	APs	
25211	0932+055	AV Hya	p	47263.432	-0.006	16	APs	
25212	2213+484	AU Lac	p	47320.566	-0.024	7	KL	
25213	2238+380	VX Lac	p	47307.538	+0.012	9	HP	
25214	0933+264	Y Leo	p	47203.476	-0.009	10	GM	
25215			p	47235.517	-0.004	8	HP	
25216			p	47262.488	-0.011	6	KL	
25217	1035+145	UV Leo	p	47210.361	-0.004	10	GM	
25218			s	47230.459	-0.009	11	APs	
25219			p	47270.375	+0.001	14	APs	
25220			p	47270.3801	-0.0022	7	RD pe, B	
25221	1114-063	UX Leo	p	47234.436	-0.193	11	HP	
25222			p	47235.452	-0.184	8	HP	
25223			p	47239.474	-0.190	11	HP	
25224	1037+138	UZ Leo	s	47270.3919	+0.0446	8	RD pe, B	
25225	0956+140	XX Leo	p	47274.355	-0.061	7	HP	
25226	0958+176	XY Leo	p	47204.364	-0.001	8	GM	
25227			p	47208.341	-0.001	8	GM	
25228			p	47213.48	+0.02	10	APs	
25229			s	47230.367	+0.007	15	APs	
25230			p	47256.373	-0.002	7	GM	
25231			p	47262.337	+0.016	9	GM	
25232			s	47274.407	+0.012	8	HP	
25233	0959+172	XZ Leo	p	47230.401	-0.007	22	APs	
25234			s	47237.475	-0.005	6	HP	
25235			s	47239.428	-0.003	7	HP	
25236			p	47252.355	-0.002	7	GM	
25237			p	47267.486	+0.010	7	HP	
25238			p	47270.417	+0.014	9	HP	
25239	1102+054	AP Leo	p	47262.322	+0.000	5	GM	
25240			s	47263.380	-0.018	12	APs	
25241			s	47266.400	-0.010	14	APs	
25242	0945+335	T LMI	p	47233.449	-0.009	7	HP	
25243			p	47239.486	-0.012	13	HP	
25244	0557-202	RS Lep	p	47204.347	+0.014	7	GM	
25245	1519-080	TY Lib	p	47234.542	+0.007	6	KL	
25246	0933+415	RZ Lyn	p	47237.486	+0.004	8	HP	

Nr	Design	Star	Type	O	O-C	n	Obs	Remarks
25247	0809+574	SX Lyn	p	47233.370	+0.014	7	HP	
25248			p	47239.439	+0.017	10	HP	
25249	0912+429	UU Lyn	p	47239.339	+0.004	7	HP	
25250			p	47267.450	+0.006	7	HP	
25251	1914+323	RV Lyr	p	47293.561	-0.003	7	KL	
25252	1814+410	TZ Lyr	p	47273.598	+0.001	7	RD pe, B	
25253			p	47288.398	-0.006	10	HP	
25254			p	47326.488	+0.008	9	HP	
25255			p	47334.425	+0.012	7	HP	
25256	1913+269	AK Lyr	p	47288.485	-0.600	4	KL	
25257	1831+377	EW Lyr	p	47304.510	+0.247	9	HP	
25258			p	47306.459	+0.246	6	KL	
25259	1909+365	FH Lyr	p	47326.378	-0.024	4	KL	
25260	1913+337	NV Lyr	p	47239.610	-0.028	6	KL	
25261	0706+007	BH Men	p	47176.542	+0.008	12	APs	
25262	0643-002	DD Men	p	47232.375	+0.072	12	HP	
25263	0755-070	FW Men	p	47232.321	+0.010	8	HP	
25264	1755+046	V391 Oph	p	47293.530	+0.012	5	KL	
25265	1728+106	V449 Oph	p	47234.547	+0.008	6	KL	
25266	1816+142	V501 Oph	p	47307.516	+0.011	8	HP	
25267	1738+078	V506 Oph	s	47326.429	+0.024	8	HP	
25268	1756+135	V508 Oph	p	47260.579	-0.016	5	KL	
25269			p	47307.503	+0.017	7	HP	
25270	1820+040	V916 Oph	p	47304.440	+0.052	6	KL	
25271	0553+136	Z Ori	p	47169.40	+0.09	14	APs	
25272	0608+163	E6 Ori	p	47230.36	-0.05	10	APs	minimum very flat
25273	0508-086	ER Ori	p	47176.325	-0.000	11	APs	
25274	0452+013	ET Ori	p	47207.350	-0.025	8	EBl	
25275			p	47208.335	+0.009	13	APs	
25276	0548+094	FR Ori	p	47234.345	+0.025	9	HP	
25277	0538+025	FZ Ori	p	47230.339	-0.012	11	APs	
25278			p	47233.326	-0.024	7	HP	
25279	0608+185	V392 Ori	p	47231.360	+0.014	11	HP	
25280			p	47233.330	+0.006	9	HP	
25281	2210+081	AT Peg	p	47114.277	-0.043	8	GM	
25282	0320+463	RT Per	p	47159.305	+0.028	12	GM	
25283			p	47204.315	+0.020	13	GM	
25284			p	47210.268	+0.026	10	GM	
25285			p	47232.348	+0.024	7	HP	
25286	0405+464	XZ Per	p	47235.301	-0.015	7	HP	
25287	0256+437	IU Per	p	47128.382	+0.011	11	GM	
25288	0156+529	KW Per	p	47213.357	+0.005	7	EBl	
25289	0114+065	UV Psc	p	47113.326	-0.009	7	GM	
25290	0828-229	SW Pyx	p	47262.348		5	KL	period not known
25291	2010+191	UZ Sge	p	47330.430	-0.015	6	KL	
25292	1756-173	WX Sgr	p	47330.529	-0.022	6	KL	
25293	1819-252	XZ Sgr	p	47321.547	+0.057	7	KL	
25294	1911-142	E6 Sgr	p	47322.468	+0.004	6	KL	
25295	1842-061	F6 Sct	s	47294.553	-0.048	5	KL	
25296	1739-138	AK Ser	p	47322.499	+0.005	7	KL	
25297	1556+173	AO Ser	p	47259.481	-0.002	6	KL	
25298			p	47274.442	+0.009	8	HP	
25299			p	47303.463	+0.012	9	HP	
25300	1554+224	AU Ser	s	47304.489	-0.005	6	HP	
25301			p	47310.477	-0.007	6	KL	
25302			s	47326.518	-0.007	5	HP	
25303			p	47334.442	-0.006	6	HP	
25304	1534+156	CC Ser	p	47266.545	-0.051	9	APs	
25305			s	47304.491	-0.031	9	HP	
25306	1535+190	LX Ser	p	47304.508	+0.000	7	KL	
25307	0433+186	RZ Tau	p	47159.362	+0.008	9	GM	
25308			p	47169.339	+0.009	7	APs	
25309	0548+281	SV Tau	p	47232.319	-0.006	8	HP	
25310	0431+151	TY Tau	p	47206.410	+0.189	17	APs	normal minimum
25311	0344+249	AH Tau	s	47205.371	-0.045	7	EBl	
25312			s	47231.316	-0.047	7	HP	

Remarks

Type O O-C n Obs

Nr Design Star

Remarks

Type O O-C n Obs

Nr Design Star

25345	1355-014	BH Vir	s	47270.442	-0.005	8	HP
25346			s	47288.410	-0.008	7	HP
25347			s	47288.417	-0.002	8	APs
25348			p	47326.405	+0.002	7	HP
25349	2055+276	VVVul	p	47331.479	+0.049	6	KL
25350	1927+273	XZ Vul	p	47276.564	+0.024	7	KL
25351	2030+246	AX Vul	p	47307.485	-0.009	6	MM
25352			p	47307.486	-0.009	6	KL
25353			p	47307.491	-0.004	5	AWe
25354			p	47307.491	-0.004	6	MMU
25355			p	47307.494	-0.001	6	JZ
25356	2033+225	AY Vul	p	47336.552	-0.024	11	KL
25357	1954+237	BO Vul	p	47234.638	+0.030	6	KL
25358	1944+287	GP Vul	p	47310.531	-0.016	6	KL

25313	0549+162	AM Tau	p	47250.332	+0.000	6	KL
25314	0345+221	EQ Tau	s	47205.342	+0.005	8	EBl
25315	0358+202	GR Tau	s	47209.239	+0.062	6	GM
25316	0157+276	X Tri	p	47159.285	-0.004	10	GM
25317	0940+561	W UMa	p	47276.436	-0.014	9	HP
25318	1339+596	TW UMa	p	47239.482	-0.017	6	KL
25319	1334+521	UX UMa	p	47239.439	-0.001	5	KL
25320	0934+562	VV UMa	p	47231.334	-0.005	7	HP
25321			p	47233.399	-0.012	7	HP
25322			p	47246.456	-0.006	8	GM
25323	0906+546	XY UMa	p	47202.403	+0.020	7	GM
25324			p	47234.456	+0.007	7	HP
25325			p	47270.404	+0.014	8	HP
25326			p	47304.423	+0.015	7	HP
25327	0928+496	XZ UMa	p	47235.498	-0.014	11	HP
25328			p	47262.411	+0.008	5	GM
25329			p	47273.402	-0.001	8	HP
25330			p	47306.395	-0.011	6	KL
25331	0943+459	AA UMa	s	47233.400	+0.004	8	HP
25332			s	47270.369	-0.009	8	HP
25333	0851+651	AC UMa	p	47306.364	+0.009	6	KL
25334	1127+302	AW UMa	p	47288.398	-0.006	7	RD pe, B
25335	1402-099	VV Vir	p	47262.461	-0.015	6	KL
25336	1185+132	A6 Vir	p	47270.3876	-0.0081	8	RD pe, B
25337			p	47270.404	+0.008	12	APs
25338	1211+120	AH Vir	p	47266.40	+0.02	10	APs
25339	1402-181	AK Vir	p	47262.449	-0.025	6	KL
25340	1325+033	AW Vir	s	47205.580	+0.053	10	APs
25341			p	47235.486	+0.006	7	HP
25342	1325+041	AX Vir	p	47266.470	+0.001	14	APs
25343	1340+048	AZ Vir	p	47263.381	-0.011	13	APs
25344			s	47267.426	+0.013	8	HP

Note on the period of BF Draconis

The 121st list of minima of eclipsing binaries published by the BBSAG in this issue of the BBSAG Bulletins contains a photoelectrically observed minimum of the neglected variable BF Draconis (JD 47276.3948). Over a timespan of about four hours, a fading and subsequent brightening of 0.2 magnitude could be observed, in accordance with the photographic lightcurve of Strohmeier et al. (Bamb. Ver. 5. No. 16, 1963). Exactly 5 periods later ($5 \times 5.60545 = 28.02725$ days), the determination of another minimum was attempted with the same equipment in acceptable observing conditions on JD 47304. This time, no variation exceeding the observational errors could be detected. We must therefore conclude, that the period given in the GCVS based on the work of Strohmeier et al. must be incorrect.

R. Diethelm

Comment on the use of BBSAG observations by Srivastava

In a recent series of papers appearing in the "Astrophysics and Space Science" journal, R. K. Srivastava made extensive use of BBSAG observations in order to determine the period behaviour of a number of eclipsing binaries (e. g. EE Aqr, BZ Eri, IZ Per, VZ Hya). We feel that our data have been used in a way we can not approve, and the results reported in these papers do not conform with our view. Anybody, who has observed eclipsing binaries visually knows that the errors involved in the timing of minima depend on a number of different factors, such as period and amplitude of the star, positioning and availability of suitable comparison stars, meteorological conditions and experience of the observer. When using visual timings of minima, these circumstances have to be evaluated. It is absolutely possible that visual timings are affected by errors in excess of ± 0.01 days, depending on the situation as mentioned above. Our data, applied to the four stars given above, can only prove that **their periods have not changed appreciably** over the time span covered by Srivastava's investigations. We feel that the careless use of visual data as demonstrated by Srivastava may discredit the visual observer, and the true value of these observations tend to be overshadowed by this kind of work.

T Z Capricorni misclassified as eclipsing

This star is classified as EB with uncertainty sign (:) in the 1985 issue of the GCVS, based on a manuscript from 1937 by G. P. ZAKHAROV. My examination of it on 7 photovisual minor planet patrol exposures by P.WILD and T.SCHILDKNECHT and a brief subsequent visual survey have roughly confirmed the GCVS amplitude of $1^m.8$ p, but not the period and type :

Exposures (4) and (5) in Table 17 are exactly 4 GCVS periods of 1.99743 days apart, but differ in magnitude by almost the entire amplitude. A further glance at this table shows that the star is more frequently faint than bright, which is hardly consistent with its classification as eclipsing, despite this somewhat poor statistics. RRA pulsations, however, are pretty probable.

Table 17 compiles all exposure examinations and visual observations.

K.Locher

Table 17

	Julian date	brightness compared to *SHAJN's star "b"	
		much less above	less much below
photovisual Wild+Schildknecht	(1) 44821.42		*
	(2) 44821.49		*
	(3) 44822.49		*
	(4) 44869.35	*	
	(5) 44877.33		*
	(6) 44878.31		*
	(7) 46287.43		*
visual Locher	(8) 47322.51		*
	(9) 47322.52		*
	(10) 47322.56		*
	(11) 47322.57		*
	(12) 47330.51		*
	(13) 47331.50	*	
	(14) 47336.50		*
	(15) 47337.51	*	
	(16) 47337.55		*

* P.SHAJN P.Z. 4, 90 (1933)

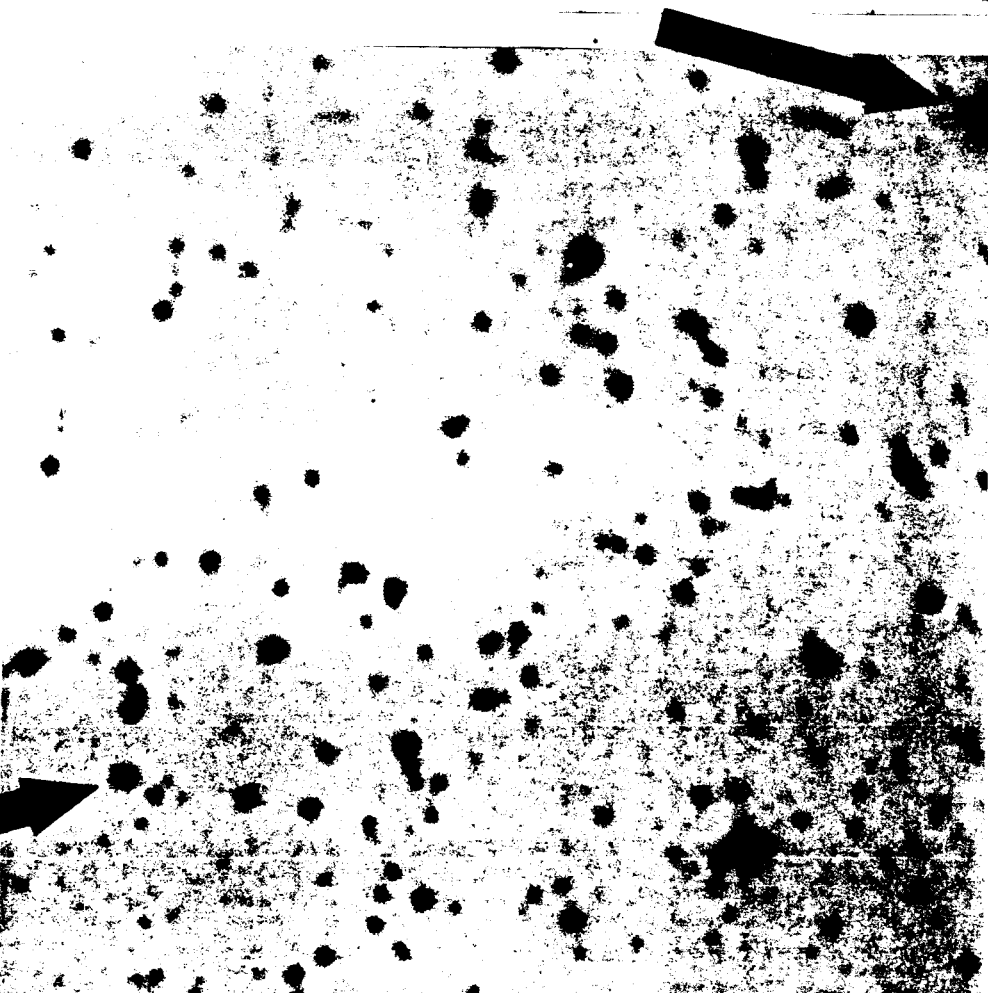
To help observers identify stars at minimum light near 15th magnitude, we sporadically give amply magnified sections of the Palomar Blue Sky Survey, with north at top and scale 18mm/' K.Locher

SAO 152811



7) EE CMa

SAO 134403



8) FP Mon

