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1988 January 18

119th List of Minima of Eclipsing Binaries

The following table lists 2 photoelectric (underlined>) and 435 visual heliocentric minima obtained mainly during 1987 October to December by the observers

- CB Christian Blanchart, Bruxelles, Belgium
- EB1 Ernst Blättler, Wald, Switzerland
- RB Roland Boninsegna, Dourbes, Belgium
- RDe Robert Dequinze, Jemeppe sur Sambre, Belgium
- RD Roger Diethelm, Rodersdorf, Switzerland
- DE Demetrius P.Elias, Penteli, Greece
- PE Panagiotis D.Elias, Penteli, Greece
- JF Jackson Florencio da Costa, Manaus, Brazil
- CF Claire Friedlingstein, Bruxelles, Belgium
- RG Robert Germann, Wald, Switzerland
- SLa Stéphane Lambert, Bruxelles, Belgium
- ALh Albert Lheureux, Bruxelles, Belgium
- KL Kurt Locher, Grüt, Switzerland
- AMa Antonio Maraziti, Catanzaro, Italy
- GM George Mavrofridis, Nikea, Greece
- APs Anton Paschke, Rüti, Switzerland
- HP Hermann Peter, Otelfingen, Switzerland
- YT Yvon Thirionet, Bruxelles, Belgium
- LZ Laurent Zimmermann, Bruxelles, Belgium

The O-C values refer to the linear elements of the GCVS 1985, with a few marked exceptions. Reductions were made using mainly the tracing paper method.

From this issue on, the sheet reverse is printed too.

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
24423	2308+527	RT And	p	46998,483	+0,002	7	6M	
24424			p	47003,524	+0,012	6	6M	
24425			p	47005,411	+0,012	10	6M	
24426			p	47010,433	+0,003	7	6M	
24427			p	47017,348	-0,001	10	6M	
24428			p	47051,313	+0,002	8	6M	
24429			p	47056,342	-0,000	8	6M	
24430			p	47083,382	-0,004	8	6M	
24431			p	47086,536	+0,005	17	SLa	
24432	2311+458	TT And	p	47117,424	-0,020	8	HP	
24433	0000+325	TW And	p	47076,315	+0,005	6	KL	
24434	0041+306	UU And	p	47118,440	+0,017	9	HP	
24435			p	47118,445	+0,022	6	KL	
24436	0042+284	WX And	p	47109,340	+0,019	8	KL	
24437	0058+378	WZ And	p	47151,305	+0,010	8	HP	
24438	0153+418	XZ And	p	47060,421	+0,003	9	HP	
24439			p	47064,493	+0,003	11	6M	
24440			p	47083,497	+0,005	8	6M	
24441			p	47094,354	+0,004	17	RB	
24442			p	47117,424	0,000	11	HP	
24443			p	47151,357	+0,001	8	HP	
24444	2309+366	AB And	p	47051,405	+0,005	8	6M	
24445			p	47065,341	+0,002	9	6M	
24446			p	47074,304	+0,004	8	6M	
24447	0205+405	BX And	p	47051,431	-0,001	9	6M	
24448			p	47092,293	-0,022	9	6M	
24449			p	47106,352	+0,004	6	6M	
24450	0108+466	CO And	p	46298,413	-0,012	17	APs	normal minimum
24451			p	46331,312	-0,011	16	APs	normal minimum
24452	0008+418	DO And	p	47107,601	+0,032	12	KL	elem. MVS prepr. 1987
24453			s	47108,256	+0,012	4	KL	
24454			p	47141,288	+0,002	6	KL	
24455	0209+444	6Z And	s	47107,256	+0,006	7	KL	
24456	2117-110	RY Aqr	p	47001,466	+0,020	8	6M	
Nr <th>Design.</th> <th>Star</th> <th>Type</th> <th>O</th> <th>O-C</th> <th>n</th> <th>Obs</th> <th>Remarks</th>	Design.	Star	Type	O	O-C	n	Obs	Remarks
24457	2249-132	SU Aqr	p	47092,324	+0,005	8	6M	
24458	2217-203	AT Aqr	p	47107,354	+0,008	6	KL	
24459	2233-009	CX Aqr	p	46999,508	+0,007	8	6M	
24460			p	47003,402	+0,009	5	6M	
24461			p	47004,512	+0,007	8	6M	
24462			p	47008,406	+0,009	7	6M	
24463			p	47023,414	+0,006	7	EBI	
24464			p	47036,424	+0,005	12	JF	
24465			p	47052,326	+0,006	8	EBI	
24466			p	47057,327	+0,003	7	EBI	
24467			p	47063,439	-0,001	7	HP	
24468			p	47068,422	+0,002	15	APs	
24469			p	47082,347	+0,004	9	6M	
24470			p	47087,352	+0,005	7	EBI	
24471			p	47092,355	+0,004	8	6M	
24472	2319-162	CZ Aqr	p	47157,222	-0,012	6	KL	
24473	2243+007	DD Aqr	p	47056,368	-0,318	15	APs	
24474			p	47066,463	-0,312	11	APs	
24475			p	47069,339	-0,319	13	APs	
24476			p	47087,360	-0,314	18	APs	
24477	2216-028	DY Aqr	p	47038,38	+0,13	12	APs	
24478	2231-201	EE Aqr	p	47060,414	+0,001	6	APs	
24479	2126-072	EI Aqr	p	47037,385	-0,018	20	APs	
24480			p	47059,380	-0,025	13	APs	
24481	1900+156	KP Aql	p	47057,365	-0,001	8	6M	
24482	1946+092	OO Aql	p	47027,420	-0,011	18	APs	
24483			p	47054,295	+0,004	8	6M	
24484	1914+092	V342 Aql	p	47063,380	+0,025	8	HP	
24485	1936+126	V343 Aql	p	47068,360	-0,013	9	HP	
24486	2007+102	V346 Aql	p	47005,447	+0,006	8	6M	
24487			p	47056,333	-0,001	9	6M	
24488			p	47056,336	+0,002	9	APs	
24489			p	47087,345	+0,033	10	APs	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
24490	1928+135	V415 Aql <i>Field</i>	p	47057,38	+0,10	27	APs	
24491	1935+106	V640 Aql	p	47115,232	-0,070	7	KL	
24492	1958+085	V760 Aql	p	47112,224	-0,015	6	KL	
24493	1922+159	V1353 Aql	p	47118,305	-0,006	9	HP	
24494	0212+223	RX Ari	p	46350,375	+0,004	13	APs	
24495			p	47151,412	-0,008	18	APs	
24496	0201+236	SS Ari	s	47088,341	-0,042	6	EBl	
24497			s	47118,364	-0,062	12	APs	
24498			p	47141,301	-0,064	16	APs	
24499			p	47145,364	-0,061	16	APs	
24500			s	47153,278	-0,064	14	APs	
24501	0508+421	SX Aur	p	47092,453	-0,012	9	6M	
24502	0629+324	VW Aur	p	46858,409	+0,014	27	Alh	
24503	0509+334	CL Aur	p	47149,350	+0,066	7	KL	
24504	0510+370	EM Aur <i>Field</i>	p	47153,344	-0,032	8	HP	
24505	0615+497	HL Aur	p	47151,403	-0,002	9	HP	
24506			p	47156,384	-0,002	7	HP	
24507	0624+304	KU Aur	p	47125,454	+0,033	6	KL	
24508	0734+761	Y Cam	p	47087,373	+0,026	7	EBl	
24509	0819+773	AY Cam	p	47106,292	-0,037	7	6M	
24510	0844+085	TY Cnc	p	47118,538	-0,158	6	KL	
24511	0845+093	AE Cnc <i>Field</i>	p	47159,671	+0,016	4	KL	
24512	1354+289	YZ CVn	p	47158,659	-0,010	7	KL	
24513	0711-180	RX CMa	p	47159,547	-0,054	6	KL	
24514	0707-161	SX CMa <i>Field</i>	p	47141,490	+0,036	16	APs	normal minimum
24515	0639-196	TZ CMa <i>Field</i>	p	47141,487	-0,046	11	APs	
24516	0720-152	EE CMa	p	47159,502	+0,018	6	KL	
24517	0737+040	AK CMI	p	47157,457	-0,003	7	HP	
24518	0707+020	AO CMI	p	47159,490	-0,068	6	KL	
24519	0244+694	RZ Cas	p	46824,298	+0,003	20	YT	
24520			p	46825,482	-0,008	33	CF	
24521			p	46825,496	+0,006	25	LZ	
24522			p	46825,498	+0,008	35	YT	
24523			p	46825,500	+0,010	33	CB	
24524			p	46837,450	+0,007	36	CF	
24525			p	47033,475	+0,012	16	DE	
24526			p	47039,439	-0,001	8	PE	
24527			p	47039,445	+0,004	11	DE	
24528	0016+588	TV Cas	p	47031,357	-0,026	12	DE	
24529			p	47040,420	-0,027	7	DE	
24530			p	47040,423	-0,023	4	PE	
24531	0241+655	TW Cas	p	46330,48	-0,02	14	APs	
24532			p	46333,37	-0,02	8	APs	
24533	0126+607	XX Cas	p	46333,39	+0,01	16	APs	
24534	0232+710	AB Cas	p	47088,474	+0,015	9	HP	
24535			p	47151,343	+0,008	7	HP	
24536			p	47151,352	+0,017	6	KL	
24537	0130+707	AH Cas	p	47107,280	-0,220	6	KL	
24538	0028+714	CV Cas <i>Field</i>	p	47107,622	+0,350	10	KL	
24539	0042+628	CW Cas	p	47153,318	+0,014	8	HP	
24540			p	47159,371	+0,009	9	HP	
24541	2350+572	EP Cas	p	47088,373	-0,021	8	HP	
24542	0000+574	EY Cas	p	47111,346	-0,068	4	KL	
24543	2304+538	IR Cas	p	47149,276	+0,004	10	KL	
24544			p	47151,331	+0,017	8	HP	

Nr	Design.	Star	Type	0	O-C	n	Obs	Remarks
24545	2347+528	IV Cas	p 47037,472	+0,011	14	APs		
24546			p 47088,414	+0,029	11	HP		
24547			p 47153,296	+0,006	8	HP		
24548			p 47156,296	+0,011	5	HP		
24549	0048+585	KL Cas	p 47118,438	-0,022	6	KL		
24550	0045+605	OR Cas	p 46319,387	+0,008	18	APs		
24551			p 46329,340	-0,004	11	APs		
24552			p 47069,297	-0,000	7	HP		
24553			s 47153,374	-0,009	5	HP		
24554	2324+564	V355 Cas	p 47107,262	-0,059	6	KL		
24555	2354+627	V375 Cas	p 47005,425	+0,002	10	GM		
24556			p 47008,357	-0,013	11	GM		
24557			p 47092,339	-0,014	9	GM		
24558	0111+487	V389 Cas	p 47153,358	+0,028	7	HP		
24559	0037+499	V523 Cas	p 47069,357	+0,009	9	HP		
24560			p 47102,308	+0,010	6	KL		
24561			p 47116,335	+0,016	7	HP		
24562			p 47149,283	+0,013	9	HP		
24563	0057+816	U Cep	p 47149,355	+0,024	15	KL		
24564	2145+570	SU Cep	p 47004,516	+0,008	8	GM		
24565			p 47005,421	+0,011	9	GM		
24566			p 47023,435	-0,001	7	EBl		
24567			p 47051,381	+0,001	8	EBl		
24568	2217+696	VW Cep	p 47116,329	-0,073	8	HP		
24569	2326+640	XX Cep	p 46999,480	-0,012	11	GM		
24570	2243+678	ZZ Cep	p 47065,435	+0,001	6	GM		
24571	2320+650	CH Cep	p 47070,404	-0,026	7	KL		
24572	2234+566	CQ Cep	p 46264,475	-0,021	10	APs		
24573	2157+607	DK Cep	p 47115,264	+0,037	5	KL		
24574	2017+766	EG Cep	p 47000,383	+0,010	6	GM		
24575			p 47001,472	+0,009	7	GM		
24576			p 47054,293	+0,002	8	GM		
24577	2127+649	GI Cep	p 47118,353	-0,001	8	HP		
24578	2024+614	HI Cep	p 47107,616	+0,055	6	KL	elem. BSSAG Bul. 81, 6	
24579	0220+809	V358 Cep	p 47078,420	+0,505	6	KL	elem. BSSAG Bul. 63, 5	
24580	0212-124	RW Cet	p 47064,447	+0,013	6	GM		
24581	0246+015	SS Cet	p 47123,455	+0,010	11	APs		
24582	0144-100	TT Cet	p 47115,268	-0,024	17	APs	normal minimum	
24583	0146-211	TW Cet	s 47078,465	-0,005	6	KL		
24584	0218-146	TY Cet	p 46764,341	-0,022	9	APs	normal minimum	
24585			p 47118,443	-0,04	20	APs		
24586	0147-198	VY Cet	p 47118,453	0,000	6	KL		
24587	0156-231	AA Cet	p 47097,386	-0,007	6	KL		
24588	1230+269	RW Com	p 46976,399	-0,014	7	EBl		
24589	1205-128	W Crv	p 47158,678	-0,004	6	KL		
24590	2021+430	UV Cyg	p 47068,386	+0,036	8	HP		
24591	2104+455	VV Cyg	p 47111,350	+0,002	6	KL		
24592	2002+414	VW Cyg	p 47086,419	+0,004	8	HP		
24593			p 47106,317	-0,005	7	KL		
24594			p 47116,279	+0,004	8	HP		
24595	2051+386	WZ Cyg	p 47000,390	+0,033	6	GM		
24596			p 47069,345	+0,021	7	HP		
24597			p 47083,388	+0,036	6	GM		
24598			p 47117,276	+0,026	9	HP		
24599			p 47141,243	+0,029	9	HP		

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
24600	2022+467	ZZ Cyg	p	47065.355	-0.007	6	GM	
24601			p	47082.327	-0.008	7	GM	
24602			p	47109.353	-0.012	6	KL	
24603			p	47116.272	-0.008	7	HP	
24604	2056+349	C6 Cyg	p	47054.370	+0.015	7	HP	
24605			p	47061.320	+0.023	7	HP	
24606			p	47157.249	+0.019	9	HP	
24607	2007+304	KR Cyg	p	46992.366	+0.008	9	GM	
24608			p	47003.352	+0.007	9	GM	
24609			p	47008.407	-0.009	9	GM	
24610			s	47055.325	+0.003	7	EBl	
24611			p	47151.242	-0.005	7	HP	
24612	1941+326	V370 Cyg	p	47107.355	-0.009	6	KL	
24613	2113+372	V387 Cyg	p	47021.418	-0.001	8	EBl	
24614			p	47082.283	+0.003	7	EBl	
24615			p	47116.234	+0.002	7	HP	
24616			p	47141.220	+0.005	9	RG	
24617			p	47157.225	-0.005	8	HP	
24618	2027+352	V388 Cyg	p	47005.329	-0.006	6	GM	
24619			p	47017.354	-0.008	7	GM	
24620			p	47054.298	-0.003	7	GM	
24621	2027+389	V456 Cyg	s	47004.354	+0.036	7	GM	
24622			p	47007.457	+0.020	8	GM	
24623			s	47011.467	+0.020	8	GM	
24624			p	47156.289	+0.023	9	HP	
24625	2128+499	V616 Cyg	p	47111.346	-0.175	5	KL	
24626	2152+536	V680 Cyg	p	47000.467	+0.005	6	GM	
24627	1924+298	V687 Cyg	p	47011.464	-0.001	12	GM	
24628			p	47088.288	-0.002	8	HP	
24629	2011+404	V726 Cyg	p	47107.406	+0.023	7	KL	
24630	2025+586	V728 Cyg	p	47070.499	-0.017	6	KL	
24631	2004+308	V1034 Cyg	p	47008.386	+0.033	13	GM	
24632	2021+523	V1048 Cyg	p	47166.244	-0.003	8	KL	
24633	2109+551	V1425 Cyg	p	47057.359	-0.021	6	GM	
24634	2040+382	V1788 Cyg		47110.0	+1.6	5	KL	elem. BBSAG Bul. 68.6
24635	1924+523	NSV 12040 Cyg	p	46992.408	+0.001	14	AMa	elem. IBVS 3090
24636			s	47011.415	+0.001	18	AMa	
24637			s	47012.442	-0.005	17	AMa	
24638			s	47024.424	-0.005	16	AMa	
24639			s	47035.383	+0.004	17	AMa	
24640			p	47078.3563	+0.0064	7	RD	
24641	2101+130	TY Del	p	47078.3833	+0.0215	7	RD	
24642	2027+138	YY Del	p	47088.351	+0.001	7	HP	
24643	2033+129	AL Del	p	47057.41	+0.03	11	APs	
24644	2043+109	AV Del	p	47057.43	+0.02	13	APs	
24645	2037+142	DM Del	p	46350.362	-0.025	18	APs	
24646	2051+044	FZ Del	p	47003.449	-0.013	6	GM	
24647			p	47010.501	-0.010	7	GM	
24648			p	47054.364	-0.007	7	HP	
24649			p	47061.408	-0.012	6	HP	
24650			p	47083.324	-0.025	14	GM	
24651	1142+725	Z Dra	p	47151.261	-0.031	6	KL	
24652	1841+626	RR Dra	p	47068.423	+0.035	15	HP	
24653	1822+588	RZ Dra	p	47001.337	+0.002	7	GM	
24654			p	47002.433	-0.004	10	GM	
24655			p	47039.354	+0.010	6	EBl	
24656			p	47050.374	+0.012	8	EBl	
24657			p	47055.328	+0.008	8	EBl	
24658			p	47060.289	+0.011	8	EBl	
24659			p	47061.401	+0.021	7	HP	
24660			p	47067.451	+0.012	9	HP	
24661			p	47125.301	+0.020	9	HP	
24662			p	47141.267	+0.010	8	HP	
24663	1820+475	TZ Dra	p	47000.469	-0.002	6	GM	
24664	1655+527	AI Dra	p	47059.505	+0.004	28	CF	

Nr	Design.	Star	Type	0	O-C	n	Obs	Remarks
24665	1214+651	AR Dra	p	47123,314	+0.006	6	KL	
24666	1922+698	DW Dra	p	47078,274	+0.010	6	KL	elem. BBSAG Bul. 84, 6
24667	2054+048	S Equ	p	47053,368	+0.007	15	APs	
24668	0352-156	RU Eri	p	47151,428	+0.010	17	APs	
24669	0419-061	TZ Eri	p	47149,510	+0.026	17	KL	
24670			p	47157,349	+0.047	11	HP	
24671	0502-076	WW Eri	p	47158,47	+0.08	19	APs	
24672	0409-105	YV Eri	p	47118,430	+0.034	13	APs	
24673			p	47145,442	+0.040	10	APs	
24674			p	47157,330	+0.032	11	APs	
24675	0427-123	AM Eri	s	47157,334	+0.033	10	KL	
24676	0409-119	BL Eri		47118,495		12	APs	
24677				47141,44		12	APs	
24678				47151,415		18	APs	
24679	0558+231	RW Gem	p	47149,582	-0.033	5	KL	
24680	0733+170	TX Gem	p	47078,554	+0.006	6	KL	
24681	0647+214	AF Gem	p	47156,556	-0.046	9	APs	
24682	0627+196	CK Gem	p	47166,275	-0.024	6	KL	
24683	1737+329	SZ Her	p	47004,411	-0.006	10	GM	
24684			p	47054,310	-0.010	7	EBl	
24685	1652+169	TT Her	p	47056,279	-0.006	8	GM	
24686	1717+419	TX Her	p	47036,437	+0.003	11	APs	
24687			p	47065,291	+0.019	7	GM	
24688	1615+090	CC Her	p	46975,470	+0.028	11	APs	
24689	1710+132	DK Her	p	47006,445	+0.001	10	APs	
24690	1819+144	MT Her	p	47078,308	+0.004	8	KL	
24691	0827-092	SV Hya	p	47158,567	-0.011	8	KL	

Nr	Design.	Star	Type	0	O-C	n	Obs	Remarks
24692	0831-144	VW Hya	p	47151,567	+0.037	8	KL	
24693	1017-229	VY Hya	p	47149,666	-0.038	6	KL	
24694	0928-187	AS Hya	p	47159,489	+0.001	6	KL	elem. BBSAG Bul. 83, 5
24695	0825+058	DE Hya	p	47159,399	+0.031	6	KL	
24696	0828+034	KT Hya	p	47118,569	-0.069	5	KL	
24697	2249+374	SW Lac	p	47056,310	-0.001	9	GM	
24698			p	47082,290	+0.001	7	GM	
24699			p	47091,264	-0.005	6	GM	
24700	2238+380	VX Lac	p	47003,444	-0.001	9	GM	
24701			p	47004,518	-0.001	7	GM	
24702			p	47061,472	+0.005	6	HP	
24703			p	47088,327	-0.002	7	EBl	
24704			p	47088,340	+0.010	8	HP	
24705			p	47117,346	+0.005	10	HP	
24706	2213+484	AU Lac	p	47078,296	-0.009	6	KL	
24707	2158+443	CM Lac	p	47083,364	+0.007	8	GM	
24708	2231+558	OO Lac	p	47153,263	+0.084	4	KL	
24709	0933+264	Y Leo	p	47149,521	-0.011	6	KL	
24710	1142+250	BL Leo	s	47158,634	-0.009	7	KL	
24711	0507-149	Z Lep	p	47107,685	-0.132	5	KL	
24712	0557-202	RS Lep	p	47151,517	+0.014	7	KL	
24713	0851+466	RY Lyn	p	47159,392	-0.010	6	KL	
24714	1925+415	TT Lyr	p	47063,408	+0.012	9	HP	
24715	1814+410	TZ Lyr	p	47003,361	-0.006	4	GM	
24716			p	47012,354	-0.003	6	GM	
24717			p	47057,293	-0.015	8	GM	
24718	0650+092	AV Mon	p	47157,464	-0.009	6	KL	
24719	0706+007	BM Mon	p	47125,514	+0.023	4	KL	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
24720	0711-023	FN Mon	p	47151.531	-0.034	4	KL	
24721	0702-023	6H Mon	p	47151.531	-0.034	6	KL	
24722	0700+003	HM Mon	p	47151.452	0.000	6	KL	
24723	0642+101	IS Mon	p	47151.425	+0.305	9	KL	
24724	1732+072	RV Oph	p	46975.520	-0.009	11	APs	
24725	1816+142	V501 Oph	p	47009.375	-0.004	8	GM	
24726			p	47039.573	-0.012	13	APs	
24727	1638+006	V502 Oph	p	46974.460	-0.031	11	APs	
24728	1756+135	V508 Oph	p	46992.361	+0.014	9	GM	
24729			p	47002.359	+0.014	11	GM	
24730			p	47003.399	+0.019	9	GM	
24731			p	47005.467	+0.018	6	GM	
24732	1757+034	V509 Oph	p	46975.475	-0.027	9	APs	
24733	1747+044	V2203 Oph	s	46999.350	+0.013	15	AMa	elem. Per. Z. 20, 253
24734			p	47011.415	+0.021	16	AMa	
24735			s	47024.384	+0.022	15	AMa	
24736			p	47037.339	+0.010	15	AMa	
24737	0608+163	E6 Ori	p	47160.577	-0.044	13	APs	
24738	0454-036	EQ Ori	p	47116.565	-0.023	9	HP	
24739	0508-086	ER Ori	s	47085.510	+0.004	5	GM	
24740	0520+042	FH Ori	p	47151.542	-0.154	7	KL	
24741	0502+092	FK Ori	p	47123.644	+0.013	5	KL	
24742	0505-028	FL Ori	p	47157.436	-0.011	7	HP	
24743	0548+094	FR Ori	p	47156.595	-0.008	23	APs	normal minimum
24744			p	47158.364	-0.005	21	APs	normal minimum
24745	0538+025	FZ Ori	p	47116.551	-0.004	7	HP	
24746			s	47157.346	-0.007	15	APs	
24747	0533+088	OS Ori	p	47157.307	-0.001	6	KL	
24748	0544+058	QT Ori	p	47118.583	-0.395	4	KL	
24749	0612+155	V645 Ori	p	47159.302	+0.022	9	KL	
24750	2355+156	U Peg	p	47106.352	-0.013	7	GM	
24751			p	47145.320	-0.022	11	APs	
24752	2327+132	TY Peg	p	47078.394	-0.017	6	KL	
24753	2226+178	UX Peg	p	47118.305	+0.001	8	HP	
24754	2210+081	AT Peg	p	47083.342	-0.034	10	GM	
24755			p	47091.380	-0.019	10	GM	
24756	2220+160	BB Peg	s	47027.420	-0.012	11	APs	
24757			s	47052.365	-0.011	11	APs	
24758			p	47054.353	-0.011	16	APs	
24759			p	47055.443	-0.006	10	APs	
24760	2250+153	B6 Peg	p	47037.370	-0.695	14	APs	
24761	2125+047	BN Peg	p	47052.465	+0.031	15	APs	
24762			p	47057.445	+0.018	12	APs	
24763			p	47070.273	+0.006	6	KL	
24764			p	47067.419	+0.005	8	HP	
24765	2136+264	BX Peg	p	47055.390	+0.001	10	APs	
24766			s	47056.360	-0.010	10	APs	
24767			p	47057.348	-0.004	11	APs	
24768	2146+278	CW Peg	p	47118.399	+0.063	7	HP	
24769	2329+146	DI Peg	p	46999.520	-0.000	8	GM	
24770			p	47054.333	+0.003	7	GM	
24771			p	47066.429	-0.002	11	APs	
24772			p	47091.346	+0.002	10	GM	
24773	2339+099	DK Peg	p	47064.359	-0.010	7	GM	
24774			p	47082.321	+0.002	8	GM	
24775	2357+184	DM Peg	p	47153.23	+0.13	17	APs	
24776	2205+059	DO Peg	p	47088.286	-0.002	7	EBl	
24777	2231+134	EH Peg	p	47052.39	-0.10	33	APs	normal minimum

Nr	Design.	Star	Type	0	O-C	n	Obs	Remarks
24778	0320+464	RT Per	p	47011,504	+0,022	10	GM	
24779			p	47057,365	+0,015	7	EBl	
24780			p	47068,394	+0,003	7	HP	
24781			p	47085,394	+0,015	11	GM	
24782			p	47153,354	+0,023	9	HP	
24783	0405+464	XZ Per	p	47084,449	-0,004	7	GM	
24784	0150+545	BY Per	p	47157,429	-0,005	6	KL	
24785	0256+437	IU Per	p	47068,385	+0,006	7	HP	
24786			p	47092,362	-0,014	9	GM	
24787	0156+529	KW Per	p	47008,465	-0,010	11	GM	
24788			p	47036,418	+0,005	8	GM	
24789			p	47078,319	-0,001	6	KL	
24790			p	47117,437	+0,004	9	HP	
24791	0253+376	LS Per	p	47107,296	-0,232	6	KL	
24792	0236+454	PS Per	p	47118,446	+0,039	6	KL	
24793	0130-497	AE Phe	p	47080,448	-0,073	5	KL	
24794			s	47086,447	-0,053	6	KL	
24795			p	47088,435	-0,058	5	KL	
24796			p	47092,405	-0,074	7	KL	
24797	2331+076	V Psc	p	47062,456	-0,011	7	GM	
24798	0054+120	SX Psc	p	47068,400	-0,012	6	HP	
24799			p	47116,307	-0,006	7	HP	
24800	0114+065	UV Psc	p	47057,365	-0,002	7	GM	
24801			p	47082,329	-0,008	8	GM	
24802	0811-238	XZ Pup	p	47088,542	+0,037	6	KL	
24803	0736-243	AV Pup	p	47158,583	-0,009	6	KL	
24804	0751-195	DF Pup	p	47159,542	+0,010	6	KL	
24805	0033-259	RT Sci	p	47150,210	-0,026	5	KL	
24806	1846-103	RS Sct	p	47000,468	+0,007	6	GM	
24807			p	47002,468	+0,013	5	GM	
24808			p	47006,448	+0,008	13	APs	
24809	1554+224	AU Ser	p	47057,317	-0,009	7	EBl	
24810	0400+279	RW Tau	p	47082,454	-0,012	9	GM	
24811	0433+186	RZ Tau	p	47085,374	+0,010	9	GM	
24812			p	47141,495	+0,015	15	APs	
24813	0431+151	TY Tau	p	47151,478		13	APs	
24814	0434+015	AC Tau	p	47134,373	+0,003	8	KL	
24815	0344+249	AH Tau	p	47097,406	-0,056	6	KL	
24816	0412+305	BN Tau	p	47125,465	-0,010	5	KL	
24817	0128+301	V Tri	p	47116,491	-0,008	9	HP	
24818			p	47149,266	-0,005	7	KL	
24819			p	47149,271	+0,001	7	HP	
24820			p	47156,294	+0,001	7	HP	
24821	0157+276	X Tri	p	47054,371	+0,007	6	EBl	
24822			p	47055,342	+0,007	7	EBl	
24823			p	47085,444	-0,008	10	GM	
24824			p	47086,413	-0,011	15	CF	
24825			p	47086,419	-0,005	15	RB	
24826			p	47087,404	+0,008	7	EBl	
24827			p	47156,369	-0,006	10	HP	
24828			p	47159,281	-0,008	9	HP	
24829	0210+367	RV Tri	p	47088,431	-0,010	6	HP	
24830			p	47149,474	-0,014	6	KL	
24831			p	47156,265	-0,006	8	HP	
24832	0222+278	RW Tri	p	47157,403	0,000	5	KL	
24833	0940+561	W UMa	p	46903,473	+0,031	10	RDe	
24834			p	46904,448	+0,005	28	VT	
24835			p	46908,444	-0,003	21	RDe	
24836			p	46909,453	+0,005	13	RDe	
24837			p	46910,450	+0,001	17	RDe	
24838	1206+563	TY UMa	p	47053,358	+0,034	7	EBl	
24839	1334+521	UX UMa	p	47107,277	-0,001	6	KL	
24840	0851+651	AC UMa	p	47107,571	+0,009	6	KL	