

BBSAG

BULLETIN

94

1990 April 25

127. List of Minima of Eclipsing Binaries

The following table lists 4 photoelectric (**bold**), 6 CCD-measured and 386 visual heliocentric minima of eclipsing binaries obtained primarily from January to April of 1990 by the following observers:

FAc	Francesco Acerbi, Codogno, Italy
EBl	Ernst Blättler, Wald, Switzerland
GB	Guy Boistel, Sautron, France
RCr	Robert E. Crumrine, Fairport, USA
RD	Roger Diethelm, Rodersdorf, Switzerland
CF	Claire Friedlingstein, Bruxelles, Belgium
MKo	Michael Kohl, Wald, Switzerland
KL	Kurt Locher, Grüt, Switzerland
APs	Anton Paschke, Rüti, Switzerland
HP	Hermann Peter, Otelfingen, 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 observations were reduced with the Kwee-van Woerden algorithm.

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
27222	2308+527	RT And	p	47927.410	0.001	9	CF	
27223	0041+306	UU And	p	47894.279	0.009	8	HP	
27224	0058+378	WZ And	p	47887.300	-0.001	8	EBl	
27225			p	47894.276	0.019	8	HP	elem. IBVS 3410
27226	0153+418	XZ And	p	47816.428	0.005	16	CF	
27227			p	47850.354	0.000	8	MKO	
27228			p	47922.303	0.013	12	HP	
27229			p	47941.304	0.012	8	HP	
27230	2334+483	AD And	s	47894.413	-0.073	7	HP	
27231			s	47905.294	-0.041	11	HP	
27232			s	47906.252	-0.069	7	HP	
27233	2308+516	BL And	p	47897.386	-0.017	8	HP	
27234	0139+445	EP And	p	47947.313	0.03	6	KL	
27235	0209+444	GZ And	s	47940.261	0.007	6	KL	
27236	2324+452	LO And	s	47894.453	-0.005	7	HP	
27237			s	47896.358	-0.004	7	HP	
27238			p	47929.260	-0.046	8	HP	
27239	1858-075	V803 Aql	p	47956.665	-0.007	6	KL	
27240	0201+237	SS Ari	s	47895.425	-0.073	13	HP	
27241	0514+382	RY Aur	p	47918.379	0.009	7	HP	
27242	0543+411	XX Aur	p	47908.457	-0.303	6	KL	
27243	0542+411	ZZ Aur	p	47894.368	0.014	8	HP	
27244			p	47897.368	0.008	7	HP	
27245			p	47924.421	0.007	7	HP	
27246			p	47968.316	0.013	9	HP	
27247	0515+337	AR Aur	s	47835.486	-0.004	17	CF	
27248			p	47837.547	-0.010	12	CF	
27249	0509+334	CL Aur	p	47913.407	0.083	9	HP	
27250			p	47969.393	0.073	8	HP	
27251	0548+302	FW Aur	p	47956.461	-0.035	6	KL	
27252	0615+497	HL Aur	p	47905.260	0.000	7	HP	
27253			p	47928.292	-0.001	7	HP	
27254			p	47946.332	-0.013	9	MKO	
27255			p	47956.302	-0.003	8	HP	
27256			p	47969.375	-0.003	10	HP	
27257			p	47969.376	-0.002	9	MKO	
27258	0507+357	HP Aur	p	47928.307	0.034	8	HP	
27259			p	47945.376	0.029	7	HP	
27260			p	47955.319	0.012	9	EBl	
27261			p	47955.349	0.042	7	HP	
27262	0602+483	KO Aur	p	47911.418	0.016	7	HP	
27263	0624+304	KU Aur	p	47913.248	0.039	4	KL	
27264	1402+302	TU Boo	s	47853.678	-0.042	6	KL	
27265			s	47970.436	-0.027	8	MKO	
27266	1502+478	I(44) Boo	p	47952.600	0.018	13	Fac	
27267	0630+823	SV Cam	p	47815.414	0.004	16	CF	
27268	1137+805	AL Cam	p	47946.435	-0.028	8	MKO	
27269			p	47954.413	-0.020	7	HP	
27270			p	47958.385	-0.033	10	HP	
27271			p	47970.352	-0.021	7	MKO	
27272	0447+548	AQ Cam	p	47894.589	0.013	6	KL	
27273	0906+821	AZ Cam	p	47924.411	-0.004	11	HP	
27274	0837+200	RY Cnc	p	47924.386	0.031	6	KL	
27275	0844+085	TY Cnc	p	47954.567	-0.155	6	KL	
27276	0906+306	WW Cnc	p	47928.395	-0.315	4	KL	
27277			p	47928.404	-0.307	11	HP	
27278			p	47947.360	-0.322	9	HP	
27279			p	47956.298	-0.312	8	HP	
27280	0843+330	WX Cnc	p	47943.415	0.009	8	HP	
27281			p	47954.440	0.012	10	HP	
27282	0858+268	WY Cnc	p	47929.318	0.007	10	HP	
27283	1329+288	VZ CVn	p	47967.3724	0.0008	7	RD	pe, B
27284	1354+289	YZ CVn	p	47947.456	-0.012	6	KL	
27285	0711-180	RX CMa	p	47962.347	-0.070	5	KL	
27286	0656-187	UU CMa	p	47943.423	-0.040	7	HP	
27287			p	47956.420	-0.043	7	KL	
27288	0720-152	EE CMa	p	47894.511	0.015	6	KL	
27289	0720+068	RY CMi	p	47970.352	-0.661	6	KL	
27290	0751+037	XZ CMi	p	47912.423	0.008	6	HP	
27291			p	47941.354	-0.002	8	HP	
27292			p	47945.413	0.006	8	HP	
27293			p	47956.413	0.008	11	HP	

Nr	Design.	Star	Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
27294	0804+020	YY CMI	27333	2038+754	VW Cep	p	47954.462	0.003	10	FAC	
27295	0705+063	AG CMI	27334	2244+674	WY Cep	s	47905.259	0.022	9	HP	
27296			27335	2302+631	CW Cep	p	47777.367	-0.024	17	CF	
27297			27336	2140+694	EK Cep	p	47827.320	0.005	18	CF	
27298			27337	2127+649	GI Cep	p	47891.408	-0.020	9	MKo	
27299			27338	2249+567	GS Cep	p	47897.367		9	HP	GCVS period prob. erron.
27300			27339			p	47905.269		9	HP	
27301	0737+040	AK CMI	27340			p	47913.333		8	HP	
27302			27341	0140+798	GW Cep	s	47922.346	0.078	9	HP	
27303			27342			p	47970.341	0.086	7	MKo	
27304			27343	2024+614	HI Cep	p	47838.565	0.095	6	KL	elem. BBSAG Bull. 81, p.
27305			27344	0158+786	V357 Cep	p	47908.355	-0.031	6	KL	elem. Brno Cthb. 28, p. 34
27306	0706+017	AN CMI	27345	0220+609	V358 Cep	p	47942.688	0.678	6	KL	elem. BBSAG Bull. 83, p.
27307	0727+046	BF CMI	27346	0212-124	RW Cet	p	47891.404	-0.001	8	MKo	
27308			27347	0246+015	SS Cet	p	47929.358	-0.034	4	KL	
27309			27348	0053-023	VV Cet	p	47912.316	0.041	7	HP	
27310			27349	1230+269	RW Com	s	47958.431	-0.001	7	HP	
27311			27350			s	47969.343	-0.007	9	HP	
27312	0244+694	FZ Cas	27351	1232+236	RZ Com	p	47946.421	0.016	6	HP	
27313			27352			p	47969.432	0.009	8	HP	
27314			27353	1247+189	SS Com	s	47968.421	0.027	12	HP	
27315	0016+588	TV Cas	27354	1209+228	CC Com	s	47922.416	-0.005	7	HP	
27316			27355			p	47955.409	-0.003	8	HP	
27317	0232+710	AB Cas	27356	1205-128	W Civ	p	47939.505	0.004	7	HP	
27318			27357			p	47944.556	0.010	4	KL	
27319	0028+714	CV Cas	27358	1227-233	Z Civ	p	47927.685	0.001	6	KL	
27320	0042+628	CW Cas	27359	1121-164	V Crt	p	47944.527	0.006	4	KL	
27321			27360			p	47970.489	-0.008	8	MKo	
27322	0145+560	GH Cas	27361	2021+430	UW Cyg	p	47958.685	0.034	7	KL	
27323	2304+538	IR Cas	27362	2002+414	WW Cyg	p	47955.671	0.000	5	KL	
27324			27363	2051+386	WZ Cyg	p	47895.213	0.039	7	HP	
27325	2326+602	IS Cas	27364	2056+349	CG Cyg	p	47896.328	0.031	6	HP	
27326	0045+605	OR Cas									
27327											
27328	0049+501	V364 Cas									
27329	2354+558	V374 Cas									
27330	0037+499	V523 Cas									
27331											
27332	2145+570	SU Cep									

CCD, see remark below

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
27365	2027+389	V456 Cyg	p	47955.712	0.047	5	KL	
27366	2151+535	V680 Cyg	p	47896.210	-0.008	7	HP	
27367	2133+406	V706 Cyg	p	47956.592	0.070	6	KL	
27368	1952+362	V822 Cyg	p	47954.654	-0.067	6	KL	
27369	1142+725	Z Dra	p	47945.352	-0.052	7	HP	
27370			p	47961.641	-0.053	6	KL	
27371	1841+626	RR Dra	p	47954.629	0.037	6	KL	
27372	1850+476	WX Dra	p	47942.701	0.006	8	KL	
27373	1214+651	AR Dra	p	47946.479	0.001	6	KL	
27374	1731+572	CV Dra	p	47954.528	-0.025	17	FAC	elem. IBVS 3213
27375	1922+698	DW Dra	p	47940.395	0.001	6	KL	elem. BBSAG Bull. 84, p.
27376	0352-150	RU Eri	p	47904.358	-0.010	45	APs	CCD, see remark below
27377	0419-061	TZ Eri	p	47897.473	0.049	6	HP	
27378	0321-008	WX Eri	p	47913.395	0.003	8	HP	
27379			p	47946.320	-0.003	7	EBl	
27380			p	47946.324	0.001	8	MKo	
27381	0410-108	ZZ Eri	s	47827.565	-0.011	16	APs	CCD, see remark below
27382	0409-061	BZ Eri	p	47946.298	0.007	7	EBl	
27383	0558+231	RW Gem	p	47943.378	0.020	9	HP	
27384	0625+205	SX Gem	p	47969.381	-0.042	9	MKo	
27385	0629+198	AC Gem	p	47914.444	0.031	7	HP	
27386	0647+214	AF Gem	p	47891.464	-0.048	10	MKo	
27387			p	47947.413	-0.057	10	HP	
27388			p	47967.320	-0.046	6	KL	
27389	0631+155	BD Gem	p	47911.388	-0.009	7	HP	
27390			p	47940.482	-0.016	4	KL	
27391	0622+180	BO Gem	p	47939.473	0.219	9	HP	
27392	0644+169	FG Gem	p	47939.404	0.001	10	HP	
27393			p	47944.316	-0.002	8	HP	
27394	0749+272	GW Gem	p	47922.264	0.006	7	HP	
27395			p	47939.426	0.022	9	HP	
27396			p	47947.331	0.015	9	HP	
27397			s	47969.416	0.008	5	HP	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
27398	0609+247	HR Gem	p	47922.317	0.015	9	HP	
27399			p	47969.368	0.032	11	HP	
27400	1711+307	TU Her	p	47942.554	-0.013	11	KL	
27401	1615+090	CC Her	p	47925.711	0.033	8	KL	
27402	1816+458	DQ Her	p	47942.643	-0.003	7	KL	
27403	1714+209	V381 Her	p	47954.527	0.124	4	KL	
27404	0923-219	XZ Hya	p	47927.582	0.007	6	KL	
27405	0811+006	WY Hya	s	47943.369	0.032	8	HP	
27406			s	47958.378	0.005	9	HP	
27407			s	47968.408	0.012	8	HP	
27408	0928-187	AS Hya	p	47894.432	-0.003	6	KL	elem. BBSAG Bull. 83, p.
27409	0932+055	AV Hya	p	47943.421	-0.007	7	HP	
27410			p	47954.359	-0.003	7	HP	
27411			s	47968.383	0.011	9	HP	
27412	2228+543	TW Lac	p	47894.324	0.027	11	HP	
27413	2212+496	TZ Lac	p	47894.385	0.127	11	KL	
27414	2238+380	VX Lac	p	47910.324	0.007	7	HP	
27415	2247+447	VY Lac	p	47894.344	-0.123	11	HP	
27416			s	47906.254	-0.129	6	HP	
27417	2226+535	DG Lac	p	47896.331	-0.086	10	HP	
27418	2231+558	OO Lac	p	47894.274	0.090	6	KL	
27419	0933+264	Y Leo	p	47891.409	-0.006	10	MKo	
27420			p	47913.328	-0.007	6	KL	
27421			p	47918.389	-0.004	8	HP	
27422			p	47945.367	-0.004	8	HP	
27423	0942+201	RT Leo	p	47945.446	-0.015	6	KL	
27424	0945+132	UU Leo	p	47947.335	0.032	11	HP	
27425	1035+145	UV Leo	s	47955.365	-0.006	10	EBl	
27426	1114-063	UX Leo	p	47944.468	-0.218	12	HP	
27427	0958+176	XY Leo	p	47929.396	0.015	12	HP	
27428			p	47954.412	0.031	11	HP	
27429			p	47968.334	0.032	7	HP	
27430			s	47969.325	0.029	7	RD	pe, B

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
27431	0959+172	XZ Leo	p	47929.358	0.025	8	HP	
27432			s	47955.435	0.009	9	HP	
27433			p	47968.365	0.013	9	HP	
27434			p	47970.315	0.012	8	EBl	
27435	1142+250	BL Leo	p	47925.631	-0.005	6	KL	
27436	0945+335	T LMI	p	47967.281	-0.009	4	KL	
27437	0507-149	Z Lep	p	47942.399	-0.139	6	KL	
27438	0557-202	RS Lep	p	47914.337	0.017	10	MKO	
27439			p	47914.340	0.020	7	HP	
27440	0851+466	RY Lyn	p	47934.289	-0.007	6	KL	
27441			p	47944.336	-0.005	7	HP	
27442	0933+415	RZ Lyn	p	47924.467	0.011	8	HP	
27443			p	47939.398	0.002	7	HP	
27444			p	47954.302	-0.004	7	EBl	
27445			p	47955.420	-0.032	11	HP	
27446	0809+574	SX Lyn	p	47947.295	0.006	11	HP	
27447			p	47955.393	0.015	14	HP	
27448	0912+429	UU Lyn	p	47945.308	0.003	6	HP	
27449	0900+382	UV Lyn	p	47969.393	-0.006	8	RD	pe, B
27450	0818+512	PG0818+513	Lynp	47894.405	0.005	8	KL	elem. IBVS No. 3388
27451		RR-VI 51 Lyn	p	47928.572	0.003	16	CF	elem. GEOS Circ. EB 16
27452			p	47931.469	0.000	17	CF	
27453			p	47943.467	-0.001	19	CF	
27454	0632+088	RW Mon	p	47911.347	0.000	8	HP	
27455			p	47913.251	-0.002	6	KL	
27456			p	47932.303	-0.010	11	HP	
27457			p	47970.426	-0.010	10	MKO	
27458	0750-028	TU Mon	p	47912.473	-0.088	11	HP	
27459	0657+022	UU Mon	p	47922.414	0.005	6	KL	
27460	0650+092	AY Mon	p	47927.244	-0.009	6	KL	
27461	0658-086	BB Mon	p	47928.357	-0.005	9	HP	
27462			p	47939.360	0.007	7	HP	
27463	0757-033	BO Mon	p	47922.397	-0.035	11	HP	
27464			p	47922.404	-0.028	7	KL	
27465	0643-002	DD Mon	p	47913.433	0.083	9	HP	
27466			p	47929.339	0.084	9	HP	
27467			p	47946.358	0.063	9	HP	
27468			p	47954.299	0.051	7	HP	
27469	0654-052	EP Mon	p	47941.312	0.006	8	HP	
27470	0722-050	FS Mon	s	47913.436	-0.021	8	HP	
27471			s	47955.369	-0.017	13	HP	
27472	0755-070	FW Mon	p	47968.294	0.000	6	KL	
27473	0658+088	IZ Mon	p	47914.386	-0.034	10	MKO	
27474	0635+036	V396 Mon	s	47947.295	0.002	6	KL	
27475	0657+021	V460 Mon	p	47939.437	0.077	9	HP	
27476	1732+072	RV Oph	p	47963.668	-0.010	6	KL	
27477	1755+046	V391 Oph	p	47956.608	0.008	6	KL	
27478	1728+106	V449 Oph	p	47925.707	0.018	6	KL	
27479	0749-011	V681 Mon	p	47946.575	0.084	7	KL	elem. BBSAG Bull. 75, p.
27480	0452+013	ET Ori	p	47924.395	0.015	12	HP	
27481			p	47944.368	0.018	7	HP	
27482	0517+019	EW Ori	s	47913.328	-0.086	7	HP	
27483	0532+029	FF Ori	p	47924.472	-0.002	12	HP	
27484	0520+042	FH Ori	p	47932.371	-0.197	20	HP	
27485	0502+092	FK Ori	p	47908.465	-0.020	4	KL	
27486			p	47912.380	-0.001	9	HP	
27487			p	47914.323	-0.005	9	HP	
27488	0505-028	FL Ori	p	47914.326	0.005	8	HP	
27489	0548+094	FR Ori	p	47945.339	0.072	8	HP	
27490	0610+214	FT Ori	p	47939.375	0.023	8	HP	
27491	0538+025	FZ Ori	p	47912.305	-0.023	7	HP	
27492			p	47924.323	-0.005	7	HP	
27493			p	47958.313	-0.013	10	HP	
27494			s	47969.323	-0.004	7	HP	
27495	0533+088	OS Ori	p	47922.409	-0.011	9	HP	
27496			p	47934.329	-0.008	6	KL	
27497	0544+058	QT Ori	p	47942.421	-0.455	10	KL	
27498	0608+185	V392 Ori	p	47914.366	0.001	6	HP	
27499			p	47922.307	0.031	10	HP	
27500			p	47941.422	0.027	7	HP	
27501			p	47943.418	0.045	7	HP	
27502	0552-093	V640 Ori	p	47908.436	-0.027	6	KL	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
27503	2327+132	TY Peg	p	47913.253	-0.058	7	HP	
27504			p	47913.257	-0.054	6	KL	
27505			p	47913.264	-0.047	8	EBI	
27506	2250+153	BG Peg	p	47816.386	-0.814	98	APs	CCD, see remark below
27507			p	47857.380	-0.828	16	APs	
27508	0236+419	Z Per	p	47945.314	-0.049	6	KL	
27509	0320+463	RT Per	p	47891.482	0.021	11	MKo	
27510			p	47897.427	0.021	7	HP	
27511			p	47932.259	0.028	8	HP	
27512			p	47954.345	0.029	7	HP	
27513	0407+341	RV Per	p	47890.438	0.005	8	MKo	
27514			p	47894.371	-0.008	8	HP	
27515			p	47896.344	-0.009	7	HP	
27516			p	47969.367	-0.005	6	KL	
27517	0256+389	ST Per	p	47897.445	0.111	10	HP	
27518			p	47913.326	0.103	12	EBI	
27519			p	47958.351	0.106	8	KL	
27520			p	47958.356	0.111	15	HP	
27521	0405+464	XZ Per	p	47850.281	-0.009	5	MKo	
27522			p	47911.312	-0.015	9	HP	
27523			p	47934.345	-0.014	6	KL	
27524	0150+545	BY Per	p	47927.390	-0.005	9	KL	
27525	0256+437	IU Per	p	47895.410	0.002	13	HP	
27526			p	47914.290	0.028	7	HP	
27527			p	47932.278	0.018	7	HP	
27528			p	47944.287	0.028	7	HP	
27529	0433+441	KR Per	p	47922.428	-0.018	8	HP	
27530			p	47924.422	-0.016	10	HP	
27531			p	47932.380	-0.027	12	HP	
27532			p	47955.316	0.000	12	HP	
27533	0156+529	KW Per	p	47850.343	0.009	8	MKo	
27534			p	47905.284	0.006	5	KL	
27535			p	47905.285	0.007	7	HP	
27536			p	47945.331	0.009	8	HP	
27537	0236+454	PS Per	p	47894.348	0.035	8	KL	
27538	0306+426	V432 Per	s	47924.393	0.042	10	HP	
27539			p	47929.376	0.041	8	HP	
27540			p	47946.407	0.032	7	HP	
27541			p	47956.355	0.014	9	HP	
27542	0304+407	β Per	p	47892.352	0.005	8	CF	
27543	0054+120	SX Psc	p	47899.236	-0.012	4	KL	
27544			p	47913.285	-0.003	8	EBI	
27545			p	47913.288	0.000	7	HP	
27546	0736+243	AY Pup	p	47947.385	-0.001	6	KL	
27547	0751-195	DF Pup	p	47956.460	0.014	7	KL	
27548	0828-229	SW Pyx	p	47927.620	0.061	7	KL	elem. BBSAG Bull. 91,p.
27549	0033-259	RT Scl	p	47905.251	-0.048	5	KL	
27550	1556+173	AO Ser	p	47906.701	0.018	6	KL	
27551	1554+224	AU Ser	s	47925.597	-0.004	6	KL	
27552			s	47968.485	-0.017	7	MKo	
27553	1535+190	LX Ser	p	47942.515	0.000	6	KL	
27554	0400+279	RW Tau	p	47910.302	-0.046	6	KL	
27555			p	47910.305	-0.043	8	HP	
27556			p	47946.301	-0.041	11	HP	
27557			p	47946.303	-0.040	7	MKo	
27558	0433+186	RZ Tau	p	47901.350	0.017	23	APs	CCD, see remark below
27559			p	47905.505	0.015	18	APs	CCD
27560			p	47970.336	0.000	8	EBI	
27561	0548+281	SV Tau	p	47947.390	-0.014	11	HP	
27562	0553+263	WY Tau	p	47925.302	0.044	7	HP	
27563			p	47970.326	0.038	8	EBI	
27564	0434+015	AC Tau	p	47890.443	0.031	9	MKo	
27565	0344+249	AH Tau	s	47895.320	-0.063	7	HP	
27566			s	47912.289	-0.062	6	HP	
27567			p	47918.438	-0.067	7	HP	
27568			p	47932.413	-0.064	10	HP	
27569			p	47945.384	-0.068	5	KL	
27570			p	47956.364	-0.066	7	HP	
27571	0549+162	AM Tau	p	47945.272	0.005	5	KL	
27572			p	47947.305	-0.007	12	HP	
27573	0353+293	AN Tau	p	47925.286	0.160	6	HP	
27574			p	47941.424	0.152	7	HP	
27575			p	47946.294	0.177	11	HP	
27576			p	47954.341	0.151	7	HP	
27577	0555+270	CT Tau	p	47954.310	-0.008	7	EBI	
27578			p	47968.316	-0.005	7	HP	
27579			p	47970.313	-0.009	8	EBI	
27580	0526+287	ES Tau	p	47940.334	0.005	7	KL	

Nr	Design.	Star	Type	O	O-C	n	Obs	Remarks
27581	0427+254	GW Tau	p	47887.325	-0.004	7	EBl	
27582			s	47911.368	-0.010	10	HP	
27583			s	47918.416	-0.017	8	HP	
27584			s	47922.277	-0.003	8	HP	
27585			p	47939.279	0.003	7	HP	
27586			p	47944.411	0.005	7	HP	
27587			p	47946.334	0.003	7	EBl	
27588			p	47955.303	-0.006	9	EBl	
27589	0435+205	HU Tau	p	47886.327	0.002	17	CF	
27590			p	47927.448	-0.004	13	CF	
27591	0128+301	V Trl	p	47850.347	0.000	6	MKO	
27592			p	47929.351	0.002	9	HP	
27593	0157+276	X Trl	p	47899.589	-0.010	17	RCr	
27594			p	47910.271	-0.015	7	HP	
27595	0210+367	RV Trl	p	47887.310	-0.017	7	EBl	
27596			p	47914.447	-0.013	7	HP	
27597	1138+522	RW UMa	p	47970.573	-0.013	4	KL	
27598	1339+596	TW UMa	p	47954.532	-0.019	7	KL	
27599	1206+563	TY UMa	p	47946.360	-0.046	7	HP	
27600			p	47946.470	0.064	8	HP	
27601	1334+521	UX UMa	p	47946.473	-0.001	6	KL	
27602	0934+562	VV UMa	p	47928.335	-0.008	11	HP	
27603			p	47954.454	-0.009	7	HP	
27604	0908+546	XY UMa	s	47928.332	0.033	9	HP	
27605			p	47954.425	0.021	11	HP	
27606			p	47968.304	0.009	8	HP	
27607	0928+496	XZ UMa	p	47922.448	-0.010	7	HP	
27608			p	47944.451	-0.008	7	HP	
27609			p	47955.445	-0.015	7	HP	
27610	1026+620	ZZ UMa	p	47928.342	0.013	7	HP	
27611	0943+459	AA UMa	p	47958.428	0.011	9	HP	
27612			p	47968.356	0.003	9	HP	
27613	1127+302	AW UMa	p	47954.396	0.000	10	FAC	
27614	1108+467	BM UMa	s	47927.382	-0.004	5	KL	
27615	1402-099	VV Vir	p	47969.583	-0.018	6	KL	
27616	1327+013	FO Vir	p	47954.544	-0.004	13	FAC	
27617	1442-065	GR Vir	s	47952.681	-0.059	14	FAC	elem. IBVS 3132

Note concerning CCD-observations

Some minima in the list given above bare the remark "CCD". They have been observed with a "Cryocam 80"-CCD camera manufactured by "Microluminetics, Inc.". The camera employs a "Sanyo" chip, cooled to -80 degrees Celsius. At the moment, the calibration procedure is not fully established, and no filter wheel is in use. The camera allows me to observe fainter stars than would be possible visually, but the accuracy of the timings of the minima is comparable to visual results. The reduction software will be improved in the near future.

A. Paschke