

Variable Star Bulletin

Visual and CCD minima of eclipsing binaries during 2007

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Following table is summary of minima of eclipsing binary reported from VSOLJ members.

star	min.		O-C	E	color	n	obs.	inst.
RT And	2454400.973		-0.008	21082	v	22	Hsk	28SC
QX And	2454339.1383	*Y	+0.0037	4462	V	260	Njh	25SC+CV-04
XZ And	2454379.026		+0.165	22399	v	17	Hsk	28SC
AB And	2454394.9914	*1	-0.0199	55094.5	Ic	135	Njh	20SC+CV-04
CN And	2454401.0364	*1	-0.1036	27709.5	Ic	312	Njh	20SC+CV-04
LO And	2454338.1605		-0.1227	26931	V	206	Ioh	30SC+DSI-ProII
V441 And	2454134.9217		-0.0929	2564	Ic	106	Njh	20SC+CV-04
V444 And	2454135.9250		-0.0539	2606	Ic	98	Njh	20SC+CV-04
S Ant	2454110.242	*1	+0.062	29259.5	v	30	Kit	8B
S Ant	2454111.207		+0.055	29261	v	32	Kit	8B
S Ant	2454114.140	*1	+0.070	29265.5	v	26	Kit	8B
S Ant	2454428.276		+0.083	29750	v	24	Kit	8B
S Ant	2454439.285		+0.070	29767	v	29	Kit	8B
S Ant	2454440.247	*1	+0.060	29768.5	v	29	Kit	8B
V346 Aql	2454395.934		-0.012	11278	v	19	Hsk	28SC
V417 Aql	2454317.0617	*1	+0.0702	30531.5	Rc	156	Nga	20SC+SV-04LE
V694 Aql	2454352.0496	*1*b	+0.0101	2256.5	Ic	117	Njh	20SC+CV-04
V802 Aql	2454308.1564	*1*T	+0.0635	7005.5	V	208	Njh	25SC+CV-04
V802 Aql	2454334.1119	*1*T	+0.0527	7102.5	V	110	Njh	25SC+CV-04
RY Aqr	2454321.0656		-0.0830	6863	Rc	57	Nga	20SC+SV-04LE
CX Aqr	2454334.0799		+0.0087	32160	Rc	100	Nga	20SC+SV-04LE
CX Aqr	2454361.0413	*1	+0.0048	32208.5	Rc	163	Nga	20SC+SV-04LE
CX Aqr	2454401.912		+0.010	32282	v	19	Hsk	28SC
CZ Aqr	2454317.1916		-0.0374	12687	V	150	Njh	25SC+CV-04
HS Aqr	2454351.0897	*1*a	-0.0001	2605.5	Ic	144	Njh	20SC+CV-04
MU Aqr	2454359.9855	*c	+0.0087	6832	Rc	117	Nga	20SC+SV-04LE
SZ Ari	2454124.9101		-0.2297	16134	Ic	123	Njh	20SC+CV-04
SZ Ari	2454446.0922		-0.2281	16321	V	126	Ioh	30SC+DSI-ProII
TX Ari	2454143.9178		-0.0183	9562	Ic	113	Njh	20SC+CV-04
WW Aur	2454114.047	*1	+0.009	8383.5	v	31	Kit	5B
WW Aur	2454451.131		+0.003	8517	v	42	Kit	5B
WW Aur	2454465.023	*1	+0.007	8522.5	v	32	Kit	5B

star	min.		O-C	E		n	obs.	inst.
AH Aur	2454449.1408		-0.0176	36324	V	303	Ioh	30SC+DSI-ProII
AR Aur	2454395.067		-0.116	3868	v	13	Kit	5B
HW Aur	2454155.9886	*1	+0.2875	21152.5	V	132	Njh	25SC+CV-04
TY Boo	2454247.06		+0.09	62326	V	88	Ioh	30SC+DSI-ProII
AC Boo	2454248.0947		-0.0527	80787	V	162	Ioh	30SC+DSI-ProII
AC Boo	2454337.9694		-0.0475	81042	V	186	Ioh	30SC+DSI-ProII
DU Boo	2454138.2713	*1*D	-0.0484	5339.5	V	377	Njh	25SC+CV-04
MT Cam	2454135.0785		-0.0076	3167	V	103	Njh	25SC+CV-04
RZ Cas	2454167.948		+0.055	9176	v	15	Hsk	5F
RZ Cas	2454322.121		+0.041	9305	v	34	Tkc	
RZ Cas	2454322.136		+0.056	9305	v	30	Kim	
RZ Cas	2454322.137		+0.057	9305	v	32	Hia	
RZ Cas	2454322.138		+0.058	9305	v	30	Nom	
RZ Cas	2454322.138		+0.058	9305	v	29	Hks	
RZ Cas	2454322.139		+0.059	9305	v	35	Ymd	
RZ Cas	2454322.140		+0.060	9305	v	36	Ibk	
RZ Cas	2454322.140		+0.060	9305	v	26	Ysj	
RZ Cas	2454363.962		+0.049	9340	v	21	Hia	
RZ Cas	2454363.964		+0.051	9340	v	23	Ysj	
RZ Cas	2454363.965		+0.051	9340	v	28	Nom	
RZ Cas	2454365.163		+0.055	9341	v	31	Ysj	
RZ Cas	2454365.164		+0.055	9341	v	36	Nom	
RZ Cas	2454365.175		+0.066	9341	v	40	Kim	
RZ Cas	2454365.179		+0.070	9341	v	35	Tkc	
RZ Cas	2454390.269		+0.060	9362	v	15	Hsk	5B
RZ Cas	2454456.002		+0.055	9417	v	18	Ysj	
RZ Cas	2454456.003		+0.056	9417	v	12	Kim	
RZ Cas	2454456.008		+0.061	9417	v	19	Hia	
RZ Cas	2454456.012		+0.065	9417	v	11	Ibk	
RZ Cas	2454456.012		+0.065	9417	v	23	Nom	
CW Cas	2454408.070		+0.088	40015	V	82	Ioh	30SC+DSI-ProII
V375 Cas	2454429.9305		+0.1242	13430	V	476	Ioh	30SC+DSI-ProII
V523 Cas	2454401.1188	*1	+0.0766	56402.5	V	265	Njh	25SC+CV-04
V523 Cas	2454401.2344		+0.0754	56403	V	265	Njh	25SC+CV-04
V523 Cas	2454422.0319		+0.0744	56492	V	333	Ioh	30SC+DSI-ProII
V523 Cas	2454428.9282	*1	+0.0768	56521.5	V	720	Ioh	30SC+DSI-ProII
V523 Cas	2454429.0432		+0.0750	56522	V	720	Ioh	30SC+DSI-ProII
U Cep	2454394.289		+0.162	3952	v	24	Hsk	28SC
TW Cet	2454427.0332		-0.0248	38042	Ic	150	Njh	20SC+CV-04
VX Cet	2454152.9056		-0.0602	9996	Ic	110	Njh	20SC+CV-04
XY Cet	2454412.099		+0.003	5768	v	37	Kit	12B
XY Cet	2454451.027		+0.001	5782	v	30	Kit	12B
AA Cet	2454394.096		-0.034	24480	v	14	Kit	7B
AA Cet	2454416.081		-0.032	24521	v	27	Kit	7B
DY Cet	2454130.9256	*7	-0.0280	12774	Ic	107	Njh	20SC+CV-04
EE Cet	2454142.9678	*1*I	+0.0566	14852.5	Ic	183	Njh	20SC+CV-04
R CMa	2454114.187		+0.077	8649	v	35	Kit	5B
R CMa	2454440.218		+0.093	8936	v	29	Kit	5B
R CMa	2454465.198		+0.082	8958	v	34	Kit	5B
RT CMa	2454402.1589		+0.6208	21469	Ic	122	Kis	20SC+E47+
IQ CMa	2454455.0379	*j	-0.0590	8142	V	222	Kis	20SC+E47+
XZ CMi	2454136.0575	*1	-0.0067	20199.5	Ic	204	Nga	20SC+SV-04LE
YY CMi	2454111.146		+0.005	23846	v	35	Kit	12B
YY CMi	2454438.256		+0.003	24145	v	25	Kit	12B
YY CMi	2454448.109		+0.010	24154	v	21	Kit	12B
YY CMi	2454449.189		-0.004	24155	v	37	Kit	12B

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AM CMi	2454107.1483		+0.1670	28319	V	143	Nga	20SC+SV-04LE
CW CMi	2454134.1168	*1*A	+0.0609	7225.5	Ic	108	Nga	20SC+SV-04LE
TX Cnc	2454111.0154	*1	+0.0302	42048.5	Ic	173	Kis	20SC+E47+
TX Cnc	2454403.1578	*1	+0.0340	42811.5	Ic	281	Kis	20SC+E47+
AD Cnc	2454142.1618	*1	-0.0134	38727.5	Ic	124	Njh	20SC+CV-04
LL Com	2454134.2884	*9	+0.0027	4016	Ic	114	Njh	20SC+CV-04
SX Crv	2454135.2310		+0.0714	41428	Ic	176	Njh	20SC+CV-04
DH Cvn	2454139.2993	*F	-0.0121	5723	Ic	103	Njh	20SC+CV-04
SW Cyg	2454429.926		-0.291	2747	v	33	Hsk	28SC
WZ Cyg	2454326.1127		+0.0599	23099	V	350	Ioh	30SC+DSI-ProII
ZZ Cyg	2454411.954		-0.048	14972	v	25	Hsk	28SC
DK Cyg	2454317.0888		+0.0757	34667	V	514	Ioh	30SC+DSI-ProII
KR Cyg	2454282.2214	*1	+0.0070	29788.5	V	202	Njh	25SC+CV-04
V401 Cyg	2454327.2273		+0.0587	18005	V	452	Ioh	30SC+DSI-ProII
V753 Cyg	2454310.1001		+0.0655	43062	V	388	Ioh	30SC+DSI-ProII
V753 Cyg	2454340.0990		+0.0646	43125	V	184	Njh	25SC+CV-04
V836 Cyg	2454427.9552		+0.0159	14653	V	242	Ioh	30SC+DSI-ProII
V959 Cyg	2454324.1257		-0.0525	11089	V	525	Ioh	30SC+DSI-ProII
V1034 Cyg	2454435.9565		-0.0034	11769	V	334	Ioh	30SC+DSI-ProII
V1918 Cyg	2454338.0799	*X	-0.0013	4448	V	146	Ioh	30SC+DSI-ProII
TY Del	2454337.1397		+0.0507	9552	V	105	Ioh	30SC+DSI-ProII
FZ Del	2454338.9944		-0.0369	29385	Rc	120	Nga	20SC+SV-04LE
FZ Del	2454407.912		-0.042	29473	v	19	Hsk	28SC
MR Del	2454322.0518	*V	-0.0029	11159	Rc	120	Nga	20SC+SV-04LE
VV Eri	2454115.9432		+0.0754	17189	Ic	122	Njh	20SC+CV-04
YY Eri	2454135.9324	*1	+0.1226	39049.5	Ic	97	Nga	20SC+SV-04LE
YY Eri	2454380.275	*1	+0.130	39809.5	v	26	Kit	12B
YY Eri	2454382.202	*1	+0.128	39815.5	v	29	Kit	12B
YY Eri	2454394.094	*1	+0.124	39852.5	v	58	Kit	12B
YY Eri	2454394.257		+0.127	39853	v	58	Kit	12B
YY Eri	2454395.060	*1	+0.126	39855.5	v	24	Kit	12B
YY Eri	2454397.143		+0.119	39862	v	45	Kit	12B
YY Eri	2454401.327		+0.124	39875	v	17	Kit	12B
YY Eri	2454413.224		+0.125	39912	v	30	Kit	12B
YY Eri	2454416.118		+0.126	39921	v	50	Kit	12B
YY Eri	2454418.045		+0.124	39927	v	29	Kit	12B
AS Eri	2454113.9165		-0.0087	9600	Ic	192	Njh	20SC+CV-04
AS Eri	2454454.926		-0.011	9728	v	23	Kit	12B
BC Eri	2454416.2663	*e	+0.0336	5529	Ic	193	Njh	20SC+CV-04
BC Eri	2454451.0668	*e	+0.0360	5595	V	335	Kis	20SC+E47+
BQ Eri	2454425.1174		-0.2354	16275	Ic	329	Njh	20SC+CV-04
U Gem	2454111.0938		+0.0167	93113	Ic	339	Njh	20SC+CV-04
U Gem	2454111.2734		+0.0194	93114	Ic	339	Njh	20SC+CV-04
U Gem	2454130.0263		+0.0203	93220	C	418	Njh	20SC+CV-04
U Gem	2454130.2024		+0.0195	93221	C	418	Njh	20SC+CV-04
U Gem	2454136.0393		+0.0185	93254	C	367	Njh	20SC+CV-04
U Gem	2454136.2166		+0.0189	93255	C	367	Njh	20SC+CV-04
U Gem	2454139.2234		+0.0183	93272	C	258	Njh	20SC+CV-04
U Gem	2454423.3355		+0.0193	94878	C	271	Njh	25SC+CV-04
U Gem	2454425.2810		+0.0188	94889	C	415	Njh	25SC+CV-04
QW Gem	2454417.2420	*f	-0.0383	16522	Ic	185	Njh	20SC+CV-04
AF Gem	2454159.949		-0.065	21711	v	22	Hsk	28SC
AZ Gem	2454417.2669		+0.0826	28242	V	192	Njh	25SC+CV-04
Z Her	2454248.156		-0.034	10309	v	47	Kit	7B
RX Her	2454241.143		-0.002	11847	v	40	Kit	10B,12B
SZ Her	2454395.915		-0.020	15318	v	15	Hsk	28SC
V338 Her	2454142.342	*G	-0.004	2989	v	10	Hsk	28SC

star	min.		O-C	E	n	obs.	inst.
V1055 Her	2454325.1019	*W	+0.0056	5786	V	464	Ioh 30SC+DSI-ProII
u Her	2454228.112		-0.005	23597	v	25	Kit 3.5B
u Her	2454267.086		-0.000	23616	v	27	Kit 3.5B
HS Hya	2454444.2200		-0.0055	8335	V	447	Kis 20SC+E47+
HS Hya	2454451.2692	*1	-0.0125	8339.5	V	385	Kis 20SC+E47+
QY Hya	2454178.0821	*Q	+0.0250	19422	Ic	236	Njh 20SC+CV-04
TY Hya	2454176.1297		-0.0499	4226	Ic	316	Njh 20SC+CV-04
VW Hya	2454448.2728		+0.2221	10394	V	214	Njh 25SC+CV-04
AV Hya	2454153.1061	*1	-0.0920	25577.5	Ic	195	Nga 20SC+SV-04LE
DF Hya	2454138.1017	*1	+0.0165	69570.5	Ic	205	Nga 20SC+SV-04LE
EZ Hya	2454126.0878		-0.1157	25951	V	241	Kis 20SC+E47+
EZ Hya	2454135.0828	*1	-0.1158	25971	Ic	140	Nga 20SC+SV-04LE
FO Hya	2454115.2626	*1*4	+0.0037	3439.5	Ic	123	Njh 20SC+CV-04
GK Hya	2454114.154		-0.207	10913	v	45	Kit 12B
HS Hya	2454147.0778	*1	-0.0037	8145.5	Ic	182	Nga 20SC+SV-04LE
VY Lac	2454401.9552		-0.1618	10280	V	582	Ioh 30SC+DSI-ProII
CN Lac	2454424.9476	*1	-0.0330	44177.5	Ic	188	Njh 20SC+CV-04
PP Lac	2454437.0212		-0.0493	22040	V	353	Ioh 30SC+DSI-ProII
Y Leo	2454155.2749		-0.0095	5171	Ic	134	Njh 20SC+CV-04
RW Leo	2454150.2001		-0.0993	6434	Ic	132	Njh 20SC+CV-04
UU Leo	2454137.2982		+0.1503	5203	Ic	156	Njh 20SC+CV-04
UV Leo	2454418.305	*1	+0.021	26625.5	v	36	Kit 12B
UX Leo	2454113.3077		-0.3066	16618	Ic	112	Njh 20SC+CV-04
WZ Leo	2454114.3296		+0.2771	16329	Ic	204	Njh 20SC+CV-04
XY Leo	2454109.0780		+0.0219	31801	V	231	Kis 20SC+E47+
AP Leo	2454172.1071		-0.0362	34008	Ic	171	Nga 20SC+SV-04LE
DU Leo	2454109.2402	*2	+0.0006	4192	V	347	Njh 25SC+CV-04
ET Leo	2454132.2229	*1*8	+0.0268	32508.5	Ic	306	Njh 20SC+CV-04
delta Lib	2454218.099		-0.013	4837	v	28	Kit 3.5B
delta Lib	2454225.078		-0.016	4840	v	38	Kit 5B
UW LMi	2454138.2575	*1*E	+0.9070	1454.5	Ic	410	Njh 20SC+CV-04
RR Lyn	2454466.157		-0.010	2143	v	33	Kit 5B
RW Mon	2454149.937		-0.056	10739	v	21	Hsk 28SC
AQ Mon	2454133.1297		-0.0799	11201	Ic	87	Njh 20SC+CV-04
BM Mon	2454132.0690		+0.0410	21428	Ic	104	Njh 20SC+CV-04
BO Mon	2454115.1582		-0.0592	4767	Ic	128	Njh 20SC+CV-04
IL Mon	2454156.0204		-0.0626	5445	Ic	208	Njh 20SC+CV-04
IZ Mon	2454148.0958		-0.1167	34372	Ic	120	Njh 20SC+CV-04
V384 Mon	2454160.0613	*1	-0.0453	17336.5	V	164	Njh 25SC+CV-04
V448 Mon	2454448.112		+0.033	19276	v	30	Kit 12B
V448 Mon	2454449.236		+0.038	19277	v	38	Kit 12B
V530 Mon	2454134.1499	*1	+0.1263	39654.5	Ic	146	Njh 20SC+CV-04
V536 Mon	2454116.0515	*1*5	-0.5622	263.5	Ic	195	Njh 20SC+CV-04
V536 Mon	2454138.0824		-0.0003	267	Ic	142	Njh 20SC+CV-04
U Oph	2454232.226		+0.010	5852	v	14	Kit 7B
U Oph	2454243.121	*1	+0.002	5858.5	v	32	Kit 7B
U Oph	2454248.142	*1	-0.009	5861.5	v	38	Kit 3.5B
U Oph	2454264.068		-0.018	5871	v	27	Kit 7B

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U Oph	2454306.020		+0.001	5896	v	21	Kit	7B
V501 Oph	2454327.0745		-0.0086	24191	V	372	Ioh	30SC+DSI-ProII
V502 Oph	2454263.1223	*1	+0.1047	28868.5	Ic	248	Nga	20SC+SV-04LE
V839 Oph	2454324.0016	*1	-0.1910	33926.5	Rc	73	Nga	20SC+SV-04LE
V1010 Oph	2454241.074		-0.111	23137	v	24	Mdy	5B
V1010 Oph	2454241.080		-0.105	23137	v	41	Kit	7B
V1010 Oph	2454247.034		-0.104	23146	v	28	Kit	7B
UW Ori	2454161.0539		-0.1155	34064	Ic	247	Njh	20SC+CV-04
VV Ori	2454379.204		-0.033	9081	v	24	Kit	5B,7B
EG Ori	2454163.9610		-0.0821	24862	Ic	118	Njh	20SC+CV-04
ER Ori	2454420.298		+0.044	30217	v	23	Kit	12B
ET Ori	2454133.0381		-0.0010	28865	Ic	130	Njh	20SC+CV-04
FH Ori	2454134.0316		-0.3304	13125	Ic	110	Njh	20SC+CV-04
GU Ori	2454143.1051	*H	-0.0391	23526	Ic	141	Njh	20SC+CV-04
V530 Ori	2454114.1014		-0.0596	4673	Ic	179	Njh	20SC+CV-04
V640 Ori	2454112.0108		-0.1239	12478	Ic	170	Njh	20SC+CV-04
V647 Ori	2454418.1870		-0.2454	21188	Ic	210	Njh	20SC+CV-04
V648 Ori	2454423.1543		+0.0631	17477	V	212	Njh	25SC+CV-04
V1202 Ori	2454147.0911	*N	-0.0296	5677	Ic	121	Njh	20SC+CV-04
V1363 Ori	2454423.2007	*1*h	+0.1000	13713.5	Ic	281	Njh	20SC+CV-04
V1363 Ori	2454428.1614	*h	+0.0937	13725	Ic	329	Njh	20SC+CV-04
V1633 Ori	2454146.9301	*1*L	+0.0020	1432	Ic	115	Njh	20SC+CV-04
BN Peg	2454318.0884		+0.0007	28630	Rc	220	Nga	20SC+SV-04LE
BX Peg	2454359.9874		-0.0829	36248	V	267	Ioh	30SC+DSI-ProII
BX Peg	2454393.92		-0.08	36369	V	43	Ioh	30SC+DSI-ProII
BY Peg	2454418.9267		-0.0293	25892	Ic	166	Njh	20SC+CV-04
ER Peg	2454422.9235		+0.1351	3911	Ic	272	Njh	20SC+CV-04
EU Peg	2454421.9390		+0.0377	28345	Ic	185	Njh	20SC+CV-04
IP Peg	2454309.1580	*U	-0.0025	54952	C	331	Njh	25SC+CV-04
IP Peg	2454310.2651	*U	-0.0028	54959	C	319	Njh	25SC+CV-04
IP Peg	2454313.1130	*U	-0.0027	54977	C	233	Njh	25SC+CV-04
IP Peg	2454334.1572	*U	+0.0001	55110	C	304	Njh	25SC+CV-04
IP Peg	2454335.2623	*U	-0.0022	55117	C	224	Njh	25SC+CV-04
V357 Peg	2454427.9896	*1*i	-0.0132	10247.5	Ic	236	Njh	20SC+CV-04
V396 Peg	2454417.9947	*g	-0.0007	6642	Ic	247	Njh	20SC+CV-04
beta Per	2454168.949		+0.073	2974	v	12	Hsk	naked eye
beta Per	2454427.014		+0.080	3064	C	11	Nga	LUMIX DMC-FX30
beta Per	2454427.019		+0.085	3064	v	12	Tcy	2B
beta Per	2454427.032		+0.098	3064	v	27	Kit	naked eye
beta Per	2454444.219		+0.081	3070	v	28	Kit	naked eye,3.5B
beta Per	2454449.959		+0.087	3072	v	27	Kit	naked eye,3.5B
Y Psc	2454401.951		+0.004	2328	v	22	Hsk	28SC
RV Psc	2454417.1905		-0.0439	54217	V	303	Ioh	30SC+DSI-ProII
VZ Psc	2454328.1410		-0.1057	40186	Rc	203	Nga	20SC+SV-04LE
VZ Psc	2454412.0089		-0.0787	40507	Ic	211	Njh	20SC+CV-04
VZ Psc	2454416.0628	*1	-0.0732	40522.5	Ic	186	Njh	20SC+CV-04
DV Psc	2454110.9900	*3	+0.0495	7211	Ic	136	Njh	20SC+CV-04
TY Pup	2454109.134		+0.161	24043	v	42	Kit	12B
AV Pup	2454119.0815	*6	+0.0036	3721	V	102	Nga	20SC+SV-04LE
AV Pup	2454126.0425	*6	+0.0045	3737	V	171	Nga	20SC+SV-04LE
RS Sct	2454323.0105		-0.0154	14883	V	535	Ioh	30SC+DSI-ProII
RS Sct	2454325.0032		-0.0154	14886	Rc	81	Nga	20SC+SV-04L
RS Ser	2454333.9543		+0.0688	32454	Rc	74	Nga	20SC+SV-04L
Y Sex	2454133.2197	*1	+0.0016	29457.5	Ic	99	Njh	20SC+CV-04
Y Sex	2454144.1337	*1	+0.0002	29483.5	Ic	206	Nga	20SC+SV-04LE
Y Sex	2454168.0636	*1	+0.0002	29540.5	Ic	135	Nga	20SC+SV-04LE
Y Sex	2454171.0021	*1	-0.0001	29547.5	Ic	168	Nga	20SC+SV-04LE

star	min.		O-C	E		n	obs.	inst.
VY Sex	2454147.2401	*1*M	+0.0057	3714.5	V	195	Njh	25SC+CV-04
VY Sex	2454174.0699	*M	+0.0079	3775	Ic	190	Nga	20SC+SV-04LE
U Sge	2454394.965		-0.013	11023	v	34	Hsk	28SC
CW Sge	2454337.0293		+0.0009	25495	V	118	Ioh	30SC+DSI-ProII
YY Sgr	2454264.0645	*1	-0.2094	13238.5	V	165	Nga	20SC+SV-04LE
V356 Sgr	2454352.9308		-0.0301	2299	Rc	33	Nga	20SC+SV-04LE
V505 Sgr	2454323.144		-0.047	8337	v	21	Kit	12B
V505 Sgr	2454379.917		-0.052	8385	v	31	Kit	12B
RW Tau	2454427.934		-0.253	3158	v	32	Hsk	28SC
TY Tau	2454115.0081	*1	+0.2450	30558.5	Ic	175	Njh	20SC+CV-04
WY Tau	2454428.2339		+0.0527	24577	V	318	Ioh	30SC+DSI-ProII
AH Tau	2454423.1847		-0.1227	70221	V	338	Ioh	30SC+DSI-ProII
AM Tau	2454168.955		-0.067	4362	v	18	Hsk	28SC
CD Tau	2454453.089		+0.010	3736	v	36	Kit	7B
GR Tau	2454320.1824	*1	-0.0451	22675.5	Ic	111	Kis	20SC+E47+
GR Tau	2454320.1968	*1	-0.0307	22675.5	V	208	Kis	20SC+E47+
GR Tau	2454323.1983	*1	-0.0381	22682.5	V	150	Kis	20SC+E47+
GR Tau	2454327.2788		-0.0412	22692	V	362	Kis	20SC+E47+
GR Tau	2454340.1820		-0.0336	22722	V	114	Kis	20SC+E47+
GR Tau	2454417.9852		-0.0337	22903	Ic	91	Kis	20SC+E47+
GR Tau	2454417.9855		-0.0334	22903	V	92	Kis	20SC+E47+
V781 Tau	2454147.0170		-0.0466	29782	V	298	Njh	25SC+CV-04
V781 Tau	2454427.0836		-0.0469	30594	V	369	Njh	25SC+CV-04
V781 Tau	2454427.2566	*1	-0.0464	30594.5	V	369	Njh	25SC+CV-04
V1239 Tau	2454147.0149		-0.0327	1384	V	298	Njh	25SC+CV-04
lambda Tau	2454423.078		+0.031	8327	v	43	Kit	n,3.5B,5B
lambda Tau	2454427.034		+0.034	8328	v	26	Kit	5B
X Tri	2454394.241		-0.0715	12240	v	17	Hsk	28SC
RV Tri	2454138.967		-0.024	10755	v	17	Hsk	28SC
W UMa	2454134.1457	*1	-0.0551	25082.5	B	448	Njh	25SC+CV-04
W UMa	2454134.3125		-0.0552	25082.5	B	448	Njh	25SC+CV-04
W UMa	2454234.0697		-0.0556	25382	V	123	Ioh	6R+DSI-ProII
W UMa	2454449.0988	*1	-0.0558	26026.5	Ic	301	Nga	8R+DSI-Pro
TX UMa	2454240.127		+0.190	3017	v	18	Mdy	5B
XZ UMa	2454154.976		-0.089	6534	v	17	Hsk	28SC
W UMi	2454385.247		-0.164	12170	v	25	Mdy	10B
UW Vir	2454165.2024		-0.0461	5423	Ic	215	Njh	20SC+CV-04
VV Vir	2454150.3304		-0.0355	51395	Ic	114	Njh	20SC+CV-04
AG Vir	2454141.2972	*1	+0.0010	13551.5	Ic	119	Njh	20SC+CV-04
AH Vir	2454146.3411		+0.1892	20445	Ic	204	Njh	20SC+CV-04
AH Vir	2454152.2513	*1	+0.1904	20459.5	Ic	275	Njh	20SC+CV-04
AW Vir	2454147.2892		+0.0188	25776	Ic	122	Njh	20SC+CV-04
AX Vir	2454133.3215	*1	+0.0106	37810.5	Ic	107	Njh	20SC+CV-04
CG Vir	2454236.0890		-0.2982	24249	Ic	318	Nga	20SC+CV-04
DL Vir	2454144.3494		+0.1192	11667	Ic	244	Njh	20SC+CV-04
DL Vir	2454177.241		+0.124	11692	v	16	Kit	7B
DL Vir	2454243.030		+0.139	11742	v	23	Kit	7B
FO Vir	2454153.2691	*1	+0.0018	11232.5	C	230	Njh	20SC+CV-04
HW Vir	2454105.1822	*K	-0.0043	71750	Ic	91	Kis	20SC+E47+
HW Vir	2454108.2169	*K	-0.0043	71776	V	161	Kis	20SC+E47+
HW Vir	2454108.2169	*K	-0.0043	71776	Ic	165	Kis	20SC+E47+
HW Vir	2454108.2746	*1*K	-0.0050	71776.5	Ic	165	Kis	20SC+E47+
HW Vir	2454108.2752	*1*K	-0.0044	71776.5	V	161	Kis	20SC+E47+
HW Vir	2454108.3337	*K	-0.0042	71777	Ic	165	Kis	20SC+E47+
HW Vir	2454108.3338	*K	-0.0041	71777	V	161	Kis	20SC+E47+
HW Vir	2454143.2327	*K	-0.0044	72076	Ic	307	Njh	20SC+CV-04
HW Vir	2454143.2910	*1*K	-0.0045	72076.5	Ic	307	Njh	20SC+CV-04

star	min.		O-C	E		n	obs.	inst.
HW Vir	2454143.3495	*K	-0.0043	72077	Ic	307	Njh	20SC+CV-04
HW Vir	2454204.9765	*K	-0.0053	72605	Ic	215	Nga	20SC+CV-04
HW Vir	2454205.0372	*1*K	-0.0029	72605.5	Ic	215	Nga	20SC+CV-04
HW Vir	2454205.0945	*K	-0.0040	72606	Ic	215	Nga	20SC+CV-04
HY Vir	2454159.2527	*O	-0.0541	2532	Ic	175	Njh	20SC+CV-04
LU Vir	2454160.2181	*P	-0.0909	11798	Ic	626	Njh	20SC+CV-04
NN Vir	2454136.3239	*1*B	+0.0018	3403.5	Ic	263	Njh	20SC+CV-04
NN Vir	2454223.0901	*B	+0.0040	3584	Ic	121	Nga	20SC+SV-04LE
NY Vir	2454136.2653	*1*C	-0.0013	38735.5	C	148	Njh	25SC+CV-04
NY Vir	2454136.3161	*C	-0.0010	38736	C	233	Njh	25SC+CV-04
Z Vul	2454267.169		-0.009	4611	v	43	Kit	10B,12B
FR Vul	2454326.2428		+0.0098	20539	V	393	Ioh	30SC+DSI-ProII
ASAS001556+0644.7	2454364.1031	*d	+0.0131	6177	Rc	149	Nga	20SC+SV-04LE
ASAS001556+0644.7	2454365.1065	*1*d	+0.0135	6179.5	Rc	234	Nga	20SC+SV-04LE
ASAS084207-0108.5	2454143.1043	*J	+0.0009	3732	Ic	207	Nga	20SC+SV-04LE
ASAS145616+0402.4	2454220.0809	*1*R	+0.0077	4794.5	Ic	173	Nga	20SC+SV-04LE
ASAS161404+1057.6	2454238.1876	*S	+0.0351	1503	Ic	228	Nga	20SC+SV-04LE
ASAS233002-1154.5	2454351.0962	*1*Z	-0.0164	5567.5	Rc	156	Nga	20SC+SV-04LE

Observers

Hia	Akira Hirota
Hks	Sumie Hosoki
Hsk	Kenji Hirosawa
Ibk	Mami Ibaraki
Ioh	Hiroshi Itoh
Kim	Yuki Kitamura
Kis	Seiichiro Kiyota
Kit	Kiyotaka Kanai
Mdy	Maeda Yutaka
Nga	Kazuo Nagai
Njh	Kazuhiro Nakajima
Nom	Makoto Noto
Tcy	Yukiko Tsuchiyama
Tkc	Chizuto Takatuka
Ymd	Kenji Yamada
Ysj	Takuzi Yamashita

Remarks

- *1 secondary minimum
- *2 min=2448348.658+1.37418454xE (IBVS3999)
- *3 min=2451886.073+0.308538xE (ASAS-3 catalog)
- *4 min=2452500.219+0.4695566xE (J.M. Kreiner, 2004, AA 54)
- *5 min=2452500.31+6.13398xE (J.M. Kreiner, 2004, AA 54)
- *6 min=2452500.412+0.4350083xE (J.M. Kreiner, 2004, AA 54)
- *7 min=2448500.2510+0.440794xE (Hipparcos catalog)
- *8 min=2448500.0660+0.173251xE (Hipparcos catalog)
- *9 min=2452500.1127+0.4069156xE (J.M. Kreiner, 2004, AA 54)
- *A min=2451871.051+0.313197xE (ASAS-3 catalog)
- *B min=2452500.3046+0.4806868xE (J.M. Kreiner, 2004, AA 54)
- *C min=2450223.36134+0.101015999xE (Kilkenny et al. 2000)
- *D min=2448500.3310+1.055902xE (Hipparcos catalog)
- *E min=2448501.163+3.875xE (Hipparcos catalog)
- *F min=2452045.7922+0.365808xE (IBVS5723)
- *G min=2450239.435+1.305758xE (Krakow 2004)
- *H min=2443069.903+0.470681xE (Samolyk,G.1985, JAAVSO,14,No.1,12)
- *I min=2448500.194+0.379917xE (Hipparcos catalog)
- *J min=2451870.92+0.608838xE (ASAS-3 catalog)
- *K min=2445730.5565+0.116719582xE (Cakirli & Devlen (1999))
- *L min=2452501.0075+1.1493859xE (J.M. Kreiner, 2004, AA 54)
- *M min=2452500.1065+0.44343192xE (Gazeas,K.D. et. al., 2006AcA,56,127G)
- *N min=2447888.512+1.10245xE (IBVS3544)
- *O min=2447240.97128+2.73236xE (IBVS4272)
- *P min=2448500.4530+0.492247xE (Hipparcos catalog)
- *Q min=2448500.2490+0.2923390xE (Hipparcos catalog)
- *R min=2452125.5+0.43687xE (ASAS-3 catalog)
- *S min=2452385.72+1.23249xE (ASAS-3 catalog)
- *T min=2452432.7570+0.26769479xE (IBVS5527)
- *U min=2445615.4156+0.15820616xE (Astro-ph/0203388 Baptista et al 2002)
- *V min=2448500.516+0.52169xE (Hipparcos catalog)
- *W min=2452500.1543+0.3154065xE (J.M. Kreiner, 2004, AA 54)
- *X min=2452500.277+0.4131754xE (J.M. Kreiner, 2004, AA 54)
- *Y min=2452500.0316+0.4121701xE (J.M.Kreiner, 2004, AA 54)
- *Z min=2451870.68+0.44552xE (ASAS-3 catalog)
- *a min=2452500.6948+0.7101875xE (J.M.Kreiner, 2004, AA 54)
- *b min=2452500.405+0.8205781xE (J.M.Kreiner, 2004, AA 54)
- *c min=2452500.1851+0.27221776xE (J.M.Kreiner, 2004, AA 54)
- *d min=2451885.89+0.401198xE (ASAS-3 catalog)
- *e min=2451501.10674970+0.5272429xE (IBVS4937)
- *f min=2448500.3060+0.3581270xE (Hipparcos catalog)
- *g min=2452144.5285+0.3422865xE (IBVS5186)
- *h min=2448500.0343+0.431915xE (Hipparcos catalog)
- *i min=2448500.3159+0.57845200xE (Hipparcos catalog)
- *j min=2448500.1684+0.731384xE (Hipparcos catalog)

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