

Variable Star Bulletin

Visual and CCD minima of eclipsing binaries during 2004

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

star	min.		O-C	E	n	obs.	inst.
RT And	2453202.2347		-0.0067	19176	V	80	Njh 25SC+CV-04
RT And	2453295.951		-0.001	19325	v	12	Hsk 28SC
SX Aur	2453335.2765		+0.0079	10886	V	92	Njh 25SC+CV-04
WW Aur	2453302.250		+0.006	8062	v	29	Kit 3.5B
WW Aur	2453345.169		-0.001	8079	v	37	Kit 3.5B
BF Aur	2453316.3086		+0.0127	8014	V	128	Njh 25SC+CV-04
HP Aur	2453369.1572		+0.0460	7459	V	123	Njh 20SC+CV-04
S Ant	2453027.185		+0.066	27589	v	19	Kit 7B
OO Aql	2453316.954	*1	+0.024	29013.5	v	9	Hsk 28SC
XZ Aql	2453313.984		+0.132	5334	v	12	Hsk 28SC
V346 Aql	2453313.909		-0.014	10300	v	9	Hsk 28SC
V417 Aql	2453194.0827	*1	+0.0620	27497.5	Rc	149	Nga 10L+CV-04
CX Aqr	2453289.933		+0.004	30282	v	12	Hsk 28SC
DD Aqr	2453262.1000		+0.0385	14749	Rc	105	Nga 10L+CV-04
DD Aqr	2453334.9232		+0.0777	14850	Ic	156	Kis 25SC+E47+
EK Aqr	2453285.0808		-0.2050	22119	Rc	92	Nga 10L+CV-04
EK Aqr	2453301.0089		-0.2147	22145	Rc	41	Nga 10L+CV-04
EK Aqr	2453312.9706	*1	-0.2063	22164.5	Rc	74	Nga 10L+CV-04
RX Ari	2453262.3003		+0.0497	14436	Rc	48	Njh 25SC+CV-04
AP Aur	2453019.3030		-0.0208	18576	V	85	Njh 25SC+CV-04
HL Aur	2453007.3054		-0.0121	44046	V	97	Njh 25SC+CV-04
IM Aur	2453325.1791		-0.0973	10270	V	94	Njh 25SC+CV-04
AC Boo	2453013.2906	*1	-0.1203	77283.5	V	81	Njh 25SC+CV-04
AD Boo	2453006.3222		+0.0257	11187	V	80	Njh 25SC+CV-04
AD Boo	2453124.2389		+0.0207	11301	V	123	Njh 25SC+CV-04
AR Boo	2453116.1595	*1*3	+0.0149	8506.5	C	109	Njh 25SC+CV-04
BG Boo	2453125.1496		-0.0192	25717	C	200	Njh 25SC+CV-04
CK Boo	2453071.2894		+0.0734	28648	V	193	Njh 25SC+CV-04
CK Boo	2453133.0883		+0.0762	28822	Rc	95	Nga 10L+CV-04
EF Boo	2453117.1195		+0.0165	10979	V	89	Njh 25SC+CV-04
EF Boo	2453120.0631		+0.0165	10986	Rc	343	Njh 25SC+CV-04
EF Boo	2453120.2734	*1	+0.0165	10986.5	Rc	343	Njh 25SC+CV-04

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ET Boo	2453121.1909	*1	-0.0381	7163.5	V	305	Njh	25SC+CV-04
FI Boo	2453124.1422	*1*6	-0.0028	3604.5	V	134	Njh	25SC+CV-04
TZ Boo	2453026.3109	*1	-0.0680	45071.5	Rc	86	Njh	25SC+CV-04
TY Boo	2453027.3059		+0.0834	58480	Rc	79	Njh	25SC+CV-04
TY Boo	2453366.3367		+0.0833	59549	Rc	60	Njh	20SC+CV-04
UW Boo	2453124.9719		-0.0053	10670	V	92	Njh	25SC+CV-04
VW Boo	2453030.2519		+0.0602	63848	V	124	Njh	25SC+CV-04
XY Boo	2453068.1935	*1	+0.0303	35391.5	V	180	Njh	25SC+CV-04
TY Cap	2453196.1257		+0.0495	5903	V	85	Njh	25SC+CV-04
RZ Cas	2453042.024		+0.054	8234	v	29	Kit	7B
RZ Cas	2453053.978		+0.055	8244	v	45	Kit	7B
RZ Cas	2453190.234		+0.053	8358	v	29	Tay	
RZ Cas	2453190.236		+0.055	8358	v	25	Ygh	7B
RZ Cas	2453245.207		+0.045	8404	v	9	Oht	5B
RZ Cas	2453257.169		+0.054	8414	v	23	Tay	
RZ Cas	2453257.171		+0.056	8414	v	28	S.Kato	
RZ Cas	2453257.174		+0.059	8414	v	26	M.Tanaka	
RZ Cas	2453263.144		+0.053	8419	v	39	Kit	7B
RZ Cas	2453281.0757		+0.0562	8434	C	218	Mhh	ST-7E+200mmLens
RZ Cas	2453300.1995		+0.0560	8450	C	264	Mhh	ST-7E+200mmLens
RZ Cas	2453310.959		+0.058	8459	v	17	Hsk	5R
RZ Cas	2453318.126		+0.054	8465	v	21	Mdy	5B
RZ Cas	2453330.074		+0.049	8475	v	24	Nrs	5B
RZ Cas	2453337.249		+0.053	8481	v	26	Tay	
RZ Cas	2453337.256		+0.060	8481	v	28	T.Miura	
RZ Cas	2453337.260		+0.064	8481	v	28	R.Kanehara	
TV Cas	2453290.2084		-0.0157	4793	V	115	Njh	25SC+CV-04
TV Cas	2453301.075		-0.025	4799	v	59	Kit	7B
TV Cas	2453340.954		-0.023	4821	v	39	Kit	7B
AB Cas	2453326.953		+0.082	7764	v	13	Hsk	28SC
V361 Cas	2453025.8887		-0.1822	18476	V	41	Njh	25SC+CV-04
V523 Cas	2453263.1465		+0.0611	51533	V	160	Mhh	25L+ST-7E
U Cep	2453332.2291		+0.1405	3526	C	598	Mhh	ST-7E+200mmLens
U Cep	2453337.2143		+0.1396	3528	C	988	Mhh	ST-7E+200mmLens
GS Cep	2453258.2582	*7	+0.0003	3971	V	57	Njh	25SC+CV-04
RW Cet	2453333.0150		-0.0107	11386	Rc	105	Nga	10L+CV-04
SS Cet	2453353.927		+0.002	3666	v	16	Hsk	28SC
TT Cet	2453316.0451		-0.0517	42741	Rc	110	Nga	10L+CV-04
TW Cet	2453314.0918	*1	-0.0239	34529.5	Rc	57	Nga	10L+CV-04
VV Cet	2453229.2697		+0.1083	41924	V	79	Njh	25SC+CV-04
XY Cet	2453322.054		-0.003	5376	v	33	Kit	8B
AA Cet	2453012.929		-0.027	21904	v	24	Kit	7B
AA Cet	2453296.042		-0.012	22432	v	23	Kit	7B
AA Cet	2453319.068		-0.041	22475	v	47	Kit	7B
AA Cet	2453324.969		-0.038	22486	v	34	Kit	7B
AA Cet	2453333.022		-0.028	22501	v	37	Kit	7B
DY Cet	2453286.1540	*1	-0.0179	10857.5	Rc	64	Nga	10L+CV-04
DY Cet	2453322.077		-0.020	10939	v	42	Kit	12B
DY Cet	2453326.047		-0.017	10948	v	30	Kit	12B
FZ CMa	2453015.0535		-0.2168	8855	Rc	76	Nga	10L+CV-04
FZ CMa	2453337.1385		-0.2160	9108	Rc	96	Nga	10L+CV-04
MV CMa	2453064.9595		-0.0042	3481	Rc	70	Nga	10L+CV-04
R CMa	2453018.000		+0.072	7684	v	21	Kit	5B
R CMa	2453052.074		+0.068	7714	v	24	Kit	5B
R CMa	2453092.962		+0.062	7750	v	28	Kit	5B
R CMa	2453337.190		+0.063	7965	v	48	Kit	5B

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YY CMi	2453028.074		+0.013	22856	v	33	Kit	12B
YY CMi	2453051.0492		+0.0135	22877	Rc	151	Nga	10L+CV-04
YY CMi	2453052.139		+0.009	22878	v	23	Kit	12B
YY CMi	2453063.079		+0.009	22888	v	29	Kit	12B
YY CMi	2453072.922		+0.006	22897	v	28	Kit	12B
YY CMi	2453074.016		+0.006	22898	v	42	Kit	12B
YY CMi	2453119.965		+0.006	22940	v	37	Kit	12B
YY CMi	2453355.1843		+0.0111	23155	V	101	Njh	25SC+CV-04
YY CMi	2453354.108		+0.029	23154	v	15	Mdy	10B
YY CMi	2453332.214		+0.015	23134	v	68	Kit	12B
AK CMi	2453296.3011		-0.0144	18015	V	80	Njh	25SC+CV-04
AK CMi	2453356.2832		-0.0174	18121	V	137	Njh	25SC+CV-04
AK CMi	2453358.2641	*1	-0.0171	18124.5	B	202	Mhh	25L+ST-7XME
AK CMi	2453358.2655	*1	-0.0158	18124.5	V	202	Mhh	25L+ST-7XME
AK CMi	2453358.2645	*1	-0.0167	18124.5	Rc	202	Mhh	25L+ST-7XME
AK CMi	2453358.2714	*1	-0.0098	18124.5	V	160	Kis	25SC+E47+
AK CMi	2453360.2450		-0.0169	18128	B	548	Mhh	25L+ST-7XME
AK CMi	2453360.2448		-0.0171	18128	V	548	Mhh	25L+ST-7XME
AK CMi	2453360.2453		-0.0166	18128	Rc	548	Mhh	25L+ST-7XME
AK CMi	2453361.0970	*1	-0.0137	18129.5	V	278	Njh	25SC+CV-04
AK CMi	2453362.2263	*1	-0.0162	18131.5	V	256	Njh	25SC+CV-04
AK CMi	2453363.0741		-0.0173	18133	V	145	Kis	25SC+E47+
AK CMi	2453365.3374		-0.0176	18137	Rc	165	Njh	20SC+CV-04
TX Cnc	2453024.2175		+0.0415	39210	V	57	Njh	25SC+CV-04
AD Cnc	2453029.1637		-0.0124	34791	Rc	117	Njh	25SC+CV-04
WW Cnc	2453028.2974		-0.4613	23204	V	43	Njh	25SC+CV-04
WX Cnc	2453346.3024		+0.0104	22641	V	52	Njh	25SC+CV-04
CC Com	2453078.0808	*1	-0.0123	61374.5	V	281	Mhh	20L+ST-7E
CC Com	2453078.1916		-0.0118	61375	V	281	Mhh	20L+ST-7E
CC Com	2453112.1729		-0.0162	61529	V	85	Njh	25SC+CV-04
SS Com	2453072.2867		-0.0725	68000	V	133	Mhh	20L+ST-7E
U CrB	2453179.1544		+0.1020	10553	V	86	Njh	25SC+CV-04
RW CrB	2453078.1952		-0.0100	16969	V	221	Njh	25SC+CV-04
YY CrB	2453072.3426	*1	-0.0174	12141.5	V	89	Njh	25SC+CV-04
YY CrB	2453151.0463		-0.0157	12350.5	V,Rc	118	Njh	25SC+CV-04
RV Crv	2453024.225		-0.050	16052	v	19	Kit	12B
RV Crv	2453033.183		-0.059	16064	v	30	Kit	12B
RV Crv	2453036.181		-0.050	16068	v	29	Kit	12B
RV Crv	2453042.166		-0.043	16076	v	16	Kit	12B
W Crv	2453011.3427		+0.0133	34435	V	79	Njh	25SC+CV-04
YZ CVn	2453154.0083		-0.0062	7112	V	102	Njh	25SC+CV-04
BO CVn	2453119.2196	*1*5	+0.0009	12027.5	V	318	Njh	25SC+CV-04
DF CVn	2453118.0410	*4	+0.0220	7791	V	247	Njh	25SC+CV-04
DF CVn	2453118.2039	*1*4	+0.0215	7791.5	V	247	Njh	25SC+CV-04
WZ Cyg	2453116.2635		+0.0551	21029	V	72	Njh	25SC+CV-04
ZZ Cyg	2453179.244		-0.042	13011	V	48	Njh	25SC+CV-04
ZZ Cyg	2453316.912		-0.041	13230	v	14	Hsk	28SC
CG Cyg	2453315.955		+0.051	22009	v	15	Hsk	28SC
DK Cyg	2453117.2833		+0.0604	32118	V	68	Njh	25SC+CV-04
V366 Cyg	2453195.2754		-0.0619	17067	V	151	Njh	25SC+CV-04
V401 Cyg	2453200.2368		+0.0525	16071	V	168	Njh	25SC+CV-04
V466 Cyg	2453174.1183		+0.0060	17534	V	55	Njh	25SC+CV-04
V548 Cyg	2453154.1246		+0.0162	4818	V,Rc	127	Njh	25SC+CV-04
V700 Cyg	2453187.2194		-0.0046	25552	V	169	Njh	25SC+CV-04
V891 Cyg	2453178.1699		+0.0439	9715	V	150	Njh	25SC+CV-04
YY Del	2453199.1337		+0.0083	12911	V	79	Njh	25SC+CV-04
DM Del	2453258.0482		-0.0971	10367	V	133	Njh	25SC+CV-04

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FZ Del	2453294.968		-0.041	28052	v	12	Hsk	28SC
AI Dra	2453093.154		+0.019	8176	v	32	Oht	5B
BU Dra	2453158.0467		+0.1407	12800	V	114	Njh	25SC+CV-04
BV Dra	2453172.0897		-0.0045	24846	V	175	Njh	25SC+CV-04
RU Eri	2453319.1321		-0.0242	17336	Rc	93	Nga	10L+CV-04
VV Eri	2453344.9422		+0.0795	16694	Rc	104	Nga	10L+CV-04
YY Eri	2453293.287	*1	+0.113	36428.5	v	26	Kit	12B
YY Eri	2453311.1258		+0.1092	36484	Rc	117	Nga	10L+CV-04
YY Eri	2453353.083	*1	+0.111	36614.5	v	41	Kit	12B
WW Eri	2453313.1683		+0.0563	28847	Rc	147	Nga	10L+CV-04
WW Eri	2453332.1471	*1	+0.0420	28867.5	Rc	139	Nga	10L+CV-04
WX Eri	2453300.073		+0.023	31300	v	35	Kit	12B
WX Eri	2453342.0549		+0.0182	31351	Rc	109	Nga	10L+CV-04
WX Eri	2453342.055		+0.018	31351	v	54	Kit	12B
AS Eri	2453296.035		+0.004	9293	v	23	Kit	12B
BC Eri	2453301.1327	*8	+0.0187	3414	Rc	128	Nga	10L+CV-04
BC Eri	2453326.1738	*1*8	+0.0158	3461.5	Rc	95	Nga	10L+CV-04
BV Eri	2453295.2557		-0.1077	19394	C	160	Mhh	ST-7E+200mmLens
BZ Eri	2453347.9888		+0.0027	41841	Rc	133	Nga	10L+CV-04
AE For	2453300.1379		-0.1345	5227	V	194	Kis	25SC+E47+
AE For	2453335.0300		-0.1354	5265	V	156	Kis	25SC+E47+
AE For	2453340.0796	*1	-0.1361	5270.5	V	137	Kis	25SC+E47+
RX Gem	2453338.2435		-0.0043	1047	V	112	Njh	25SC+CV-04
Z Her	2453202.0409		-0.0326	10047	V	153	Njh	25SC+CV-04
RX Her	2453172.2231		-0.0001	11246	V	133	Njh	25SC+CV-04
HS Her	2453228.0562		-0.0201	4927	V	68	Njh	25SC+CV-04
V502 Her	2453140.1646		+0.0118	60122	V	165	Njh	25SC+CV-04
AE Hya	2453013.2303	*1	+0.0511	67782.5	Ic	343	Kis	25SC+AP-7
DF Hya	2453032.0646		-0.0057	66225	B	187	Kis	25SC+AP-7
DF Hya	2453032.0642		-0.0061	66225	Ic	186	Kis	25SC+AP-7
DF Hya	2453032.0643		-0.0060	66225	V	187	Kis	25SC+AP-7
DF Hya	2453032.2288	*1	-0.0068	66225.5	B	187	Kis	25SC+AP-7
DF Hya	2453032.2288	*1	-0.0068	66225.5	B	186	Kis	25SC+AP-7
DF Hya	2453032.2292	*1	-0.0064	66225.5	B	187	Kis	25SC+AP-7
DF Hya	2453052.0657	*1	-0.0058	66285.5	Rc	106	Nga	10L+CV-04
DF Hya	2453362.3383		+0.0008	67224	V	113	Njh	25SC+CV-04
DK Hya	2453033.1830		-0.1653	41872	Ic	237	Kis	25SC+AP-7
EU Hya	2453071.0198		-0.0229	24344	Rc	90	Nga	10L+CV-04
EZ Hya	2453042.1892		-0.1119	23541	Ic	228	Kis	25SC+AP-7
FG Hya	2453018.1229		-0.0683	24555	Rc	121	Nga	10L+CV-04
FG Hya	2453055.0030	*1	-0.0693	24667.5	Rc	125	Nga	10L+CV-04
GK Hya	2453020.061		-0.250	10608	v	24	Kit	12B
GK Hya	2453063.094		-0.261	10620	v	23	Kit	12B
GK Hya	2453314.243		-0.206	10690	v	16	Kit	12B
GK Hya	2453332.181		-0.203	10695	v	37	Kit	12B
VY Hya	2453041.1421		-0.0808	14744	Ic	385	Kis	25SC+AP-7
CM Lac	2453189.2044		-0.0035	16304	V	154	Njh	25SC+CV-04
AM Leo	2453063.1104		+0.0055	28895	Rc	130	Nga	10L+CV-04
AM Leo	2453065.1209	*1	+0.0041	28900.5	Rc	100	Nga	10L+CV-04
AM Leo	2453080.1189	*1	+0.0045	28941.5	V	315	Njh	25SC+CV-04
AM Leo	2453081.0335		+0.0046	28944	B	58	Njh	25SC+CV-04
AP Leo	2453028.215		-0.038	31350	v	25	Kit	12B
AP Leo	2453036.1756	*1	-0.0388	31368.5	Ic	207	Kis	25SC+AP-7
AP Leo	2453069.095		-0.042	31445	v	30	Kit	12B
AP Leo	2453112.994		-0.039	31547	v	39	Kit	12B
AP Leo	2453116.003		-0.043	31554	v	49	Kit	12B
AP Leo	2453340.217		-0.045	32075	v	34	Kit	12B

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AP Leo	2453358.291		-0.046	32117	v	35	Kit	12B
UV Leo	2453014.105	*1	+0.020	24285.5	v	25	Kit	12B
UV Leo	2453020.109	*1	+0.023	24295.5	v	15	Kit	10B
UV Leo	2453022.2117		+0.0253	24299	V	62	Njh	25SC+CV-04
UV Leo	2453026.110	*1	+0.023	24305.5	v	32	Kit	12B
UV Leo	2453028.213		+0.026	24309	v	23	Kit	10B
UV Leo	2453078.020		+0.026	24392	v	34	Kit	12B
UV Leo	2453117.022		+0.022	24457	v	36	Kit	12B
UV Leo	2453313.248		+0.020	24784	v	43	Kit	12B
UV Leo	2453331.254		+0.024	24814	v	36	Kit	12B
UV Leo	2453334.253		+0.023	24819	v	48	Kit	12B
UX Leo	2453093.0556		-0.2935	15605	Rc	133	Nga	10L+CV-04
UZ Leo	2453009.3343		+0.1506	21372	Rc	72	Njh	25SC+CV-04
VZ Leo	2453325.3179		-0.0568	20333	V	88	Njh	25SC+CV-04
RR Lep	2453331.0514	*1	-0.0100	25074.5	Rc	124	Nga	10L+CV-04
RZ Lyn	2453332.1374		-0.0670	24142	V	146	Njh	25SC+CV-04
UZ Lyr	2453199.2405		-0.0201	5028	V	107	Njh	25SC+CV-04
AS Mon	2453028.0454		+0.6509	14324	C	129	Kis	25SC+AP-7
BO Mon	2453047.0527		-0.0594	4287	Ic	255	Kis	25SC+AP-7
BO Mon	2453365.2606		-0.0579	4430	B	199	Mhh	25L+ST-7XME
BO Mon	2453365.2606		-0.0579	4430	V	199	Mhh	25L+ST-7XME
BO Mon	2453365.2605		-0.0580	4430	Rc	199	Mhh	25L+ST-7XME
DD Mon	2453013.0930		+0.1314	39949	V	155	Njh	25SC+CV-04
RW Mon	2453031.0646		-0.0510	10152	Ic	108	Kis	25SC+AP-7
RW Mon	2453031.0656		-0.0500	10152	Ic	109	Kis	25SC+AP-7
RW Mon	2453332.225		-0.053	10310	v	14	Hsk	28SC
V448 Mon	2453354.2659		+0.0471	18298	V	144	Njh	25SC+CV-04
WZ Oph	2453098.180		+0.001	4171	v	34	Kit	12B
V502 Oph	2453189.0452		-0.1100	26500	V	168	Njh	25SC+CV-04
V735 Oph	2453190.0897		+0.0856	8204	V	166	Njh	25SC+CV-04
ER Ori	2453008.0415	*1	+0.0343	26881.5	Rc	82	Nga	10L+CV-04
ER Ori	2453017.9919		+0.0349	26905	Rc	135	Nga	10L+CV-04
ER Ori	2453316.277	*1	+0.036	27609.5	v	39	Kit	12B
ER Ori	2453356.0784	*1	+0.0375	27703.5	Rc	110	Nga	10L+CV-04
FR Ori	2453351.1306		+0.0282	28861	Rc	118	Nga	10L+CV-04
FZ Ori	2453331.2817		-0.0648	23268	V	118	Njh	25SC+CV-04
V343 Ori	2453329.2846		+0.1772	24384	V	140	Njh	25SC+CV-04
V392 Ori	2453354.1196		+0.0027	42239	V	109	Njh	25SC+CV-04
UX Peg	2453302.9483		-0.0026	8337	V	47	Njh	25SC+CV-04
AT Peg	2453332.9475		+0.0164	7079	Ic	247	Kis	25SC+E47+
BN Peg	2453228.1685		+0.0001	27102	V	67	Njh	25SC+CV-04
XZ Per	2453326.2516		-0.0583	8526	C	299	Mhh	20L+ST-7E
IQ Per	2453334.2611		+0.0169	5187	V	80	Njh	25SC+CV-04
IZ Per	2453014.9825		-0.0007	2288	V	90	Njh	25SC+CV-04
beta Per	2453022.014		+0.059	2574	v	13	Tcy	2B
beta Per	2453022.026		+0.071	2574	v	13	Nto	2B
beta Per	2453300.146		+0.063	2671	v	42	Kit	e
beta Per	2453325.962		+0.073	2680	v	24	Kit	e
beta Per	2453340.278		+0.052	2685	v	30	Kit	e
beta Per	2453346.007		+0.047	2687	v	27	Kit	e
beta Per	2453366.081		+0.050	2694	v	45	Kit	e
UV Psc	2453336.9771		-0.0143	11533	Rc	108	Nga	10L+CV-04
VZ Psc	2453299.9567	*1	-0.1294	36249.5	V	91	Kis	25SC+E47+
VZ Psc	2453313.0269	*1	-0.1185	36299.5	V	122	Kis	25SC+E47+
VZ Psc	2453314.9796		-0.1246	36307	V	77	Kis	25SC+E47+
TY Pup	2453008.085		+0.164	22699	v	35	Kit	12B
TY Pup	2453013.030		+0.193	22705	v	24	Kit	12B

star	min.		O-C	E		n	obs.	inst.
TY Pup	2453031.034		+0.174	22727	v	45	Kit	12B
TY Pup	2453040.040		+0.169	22738	v	23	Kit	12B
XZ Pup	2453341.2285		+0.1038	4985	Ic	240	Kis	25SC+E47+
AV Pup	2453020.0299		+0.0337	39260	Rc	139	Nga	10L+CV-04
AV Pup	2453043.0860	*1	+0.0017	39301.5	Rc	140	Nga	10L+CV-04
BD Scl	2453330.9684		+0.0363	8530	Rc	108	Nga	10L+CV-04
BE Scl	2453350.9383		-0.0032	11470	Rc	69	Nga	10L+CV-04
U Sct	2453200.1009		+0.0004	9143	V	127	Njh	25SC+CV-04
AS Ser	2453029.3102		-0.0746	53003	V	73	Njh	25SC+CV-04
AS Ser	2453161.4052	*1	-0.0728	53286.5	Rc	145	Nga	10L+CV-04
AU Ser	2453069.2623		-0.0848	21596	V	126	Njh	25SC+CV-04
Y Sex	2453046.0950		+0.0080	26868	Rc	73	Nga	10L+CV-04
SX CMa	2453044.0569		+0.0482	15360	Rc	60	Nga	10L+CV-04
WY Tau	2453332.2919		+0.0545	22995	V	68	Njh	25SC+CV-04
CD Tau	2453054.980		+0.001	3329	v	23	Kit	8.5R
CT Tau	2453016.1881		-0.0388	11415	V	85	Njh	25SC+CV-04
GR Tau	2453302.097		-0.025	20307	v	23	Oht	20SC
V781 Tau	2453007.9599	*1	-0.0385	26479.5	B	93	Njh	25SC+CV-04
V781 Tau	2453010.1975		-0.0428	26486	B	128	Njh	25SC+CV-04
V781 Tau	2453069.0070	*1	-0.0404	26656.5	V	96	Njh	25SC+CV-04
V781 Tau	2453346.1392		-0.0434	27460	B	317	Njh	25SC+CV-04
V781 Tau	2453348.2089		-0.0432	27466	Rc	267	Njh	25SC+CV-04
V781 Tau	2453353.0377		-0.0431	27480	B	154	Njh	25SC+CV-04
V781 Tau	2453360.2811		-0.0428	27501	B	114	Njh	25SC+CV-04
V781 Tau	2453363.0428		-0.0404	27509	B	120	Njh	25SC+CV-04
V781 Tau	2453365.1096		-0.0431	27515	B	123	Njh	20SC+CV-04
V781 Tau	2453366.3117	*1	-0.0481	27518.5	Rc	162	Njh	20SC+CV-04
X Tri	2453310.993		-0.057	11125	v	12	Hsk	28SC
X Tri	2453312.934		-0.059	11127	v	11	Hsk	28SC
RS Tri	2453355.0286		-0.0178	8075	V	93	Njh	25SC+CV-04
W UMa	2453024.3089		-0.0468	21756	V	52	Njh	25SC+CV-04
W UMa	2453056.184	*1	-0.034	21851.5	v	26	Oht	7B
W UMa	2453057.018		-0.034	21854	v	10	Oht	7B
W UMa	2453080.030		-0.043	21923	v	31	Oht	20SC
W UMa	2453302.226		-0.050	22589	v	38	Kit	7B
AA UMa	2453010.3247		+0.0257	26372	Rc	113	Njh	25SC+CV-04
AA UMa	2453363.2944		+0.0287	27126	Rc	198	Njh	25SC+CV-04
AG Vir	2453036.243		-0.015	11832	v	27	Kit	8.5R
AX Vir	2453098.1485		+0.0100	36337	Rc	157	Nga	10L+CV-04
AZ Vir	2453083.1976		-0.0205	26044	V	145	Njh	25SC+CV-04
AH Vir	2453061.070		+0.147	17782	v	19	Kit	12B
BF Vir	2453106.1346		+0.0703	10983	Rc	119	Nga	10L+CV-04
BH Vir	2453064.1042		-0.0052	12038	Ic	138	Kis	25SC+AP-7
CX Vir	2453080.3033		+0.0100	36173	V	46	Njh	25SC+CV-04
HT Vir	2453040.2199	*1*2	+0.0177	11136.5	V	216	Kis	25SC+AP-7
HT Vir	2453040.2192	*1*2	+0.0170	11136.5	Ic	221	Kis	25SC+AP-7
LU Vir	2453071.1684	*1	-0.0441	9285.5	Rc	107	Nga	10L+CV-04
MS Vir	2453112.0846		-0.0382	14761	Rc	118	Nga	10L+CV-04
MS Vir	2453120.0554	*1	-0.0347	14786.5	Rc	132	Nga	10L+CV-04
RS Vul	2453204.0251		+0.0109	4555	V	236	Njh	25SC+CV-04
MisV1225	2453007.1634	*1			C	117	Njh	25SC+CV-04
MisV1227	2453008.9085	*1			C	80	Njh	25SC+CV-04

Observers

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Kit	Kiyotaka Kanai
Mdy	Maeda Yutaka
Mhh	Hiroyuki Maehara
T.Miura	Tomoka Miura
Nga	Kazuo Nagai
Njh	Kazuhiro Nakajima
Nrs	Hirosi Nakamura
Nto	Ryosuke Naito
Oht	Masato Ohshima
M.Tanaka	Mitsuru Tanaka
Tay	Yoshito Tanaka
Tcy	Yukiko Tsuchiyama
Ygh	Hideyasu Yamaguchi

Remarks

- *1 secondary minimum
- *2 min I = $2448500.1630 + 0.407672 \times E$ (Hipparcos)
- *3 min I = $2450182.4799 + 0.3448733 \times E$ (IBVS4601)
- *4 min I = $2450571.219 + 0.326890 \times E$ (IBVS5021)
- *5 min I = $2446895.4483 + 0.51746168 \times E$ (IBVS5471)
- *6 min I = $2451718.3979 + 0.3899978 \times E$ (IBVS5341)
- *7 min I = $2447414.4350 + 1.471625 \times E$ (IBVS3596)
- *8 min I = $2451501.1067497 + 0.5272429 \times E$ (IBVS4937)

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