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CCD MINIMA FOR SELECTED ECLIPSING BINARIES IN 2007

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Observatory and telescope:	
Sylvester Robotic Observatory (SRO): 33 cm f/4.5 Newtonian on Paramount GT-1100s mount	
Detector:	SRO: SBIG ST-7XME, 1.25 pixels, 15'8 × 10'5 FOV, cooled $-10 < T < -30$ °C
Method of data reduction:	
Aperture photometry using MIRA, by Axiom Research.	
Method of minimum determination:	
Digital tracing paper method, bisection of chords, curve fitting, and (occasionally) Kwee and van Woerden (1956).	

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
WZ And	54452.6138	0.0002	II	R	
BL And	54409.6187	0.0004	I	R	
GI Aur	54412.8176	0.0002	I	R	
IZ Aur	54127.5901	0.0002	I	c	
MU Aur	54161.7816	0.0005	I	c	
V0402 Aur	54435.6811	0.0005	II	R	
V0404 Aur	54398.8961	0.0002	I	R	
V0410 Aur	54378.8722	0.0003	II	R	
TY Boo	54155.8767	0.0002	II	R	
AC Boo	54131.9628	0.0005	I	R	
GQ Boo	54161.902	0.001	I	R	
GR Boo	54181.8356	0.0002	I	R	
GT Boo	54209.8456	0.0005	II	R	
AO Cam	54134.6098	0.0001	II	R	
DN Cam	54352.887	0.001	II	B	
MT Cam	54442.6343	0.0001	I	R	
V0445 Cas	54354.954	0.003	II	R	
V0471 Cas	54356.7491	0.0002	II	c	
V0471 Cas	54357.7510	0.0002	I	R	
V0471 Cas	54358.7535	0.0002	II	R	
V0471 Cas	54381.8075	0.0002	I	R	

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
V0471 Cas	54382.8096	0.0003	II	R	
V0520 Cas	54435.593	0.001	II	c	
NW Cep	54398.6343	0.0004	I	R	
EH Cnc	54441.8327	0.0003	II	R	
FF Cnc	54455.8268	0.0002	II	R	
HN Cnc	54399.0193	0.0002	I	R	
RZ Com	54181.7267	0.0002	I	R	
LQ Com	54133.9190	0.0001	I?	R	
RW CrB	54220.8444	0.0001	I	R	
BI CVn	54177.7284	0.0001	II	R	
BO CVn	54131.8950	0.0002	II	R	
DF CVn	54153.814	0.001	II	R	
DH CVn	54187.7679	0.0002	II	R	
G2533-1563 CVn	54130.9201	0.0002	II	R	
G2534-1121 CVn	54180.8174	0.0002	I	R	
G2537-0520 CVn	54217.8755	0.0003	I	R	
V0680 Cyg	54357.833	0.003	II	BVR	
V0680 Cyg	54360.8332	0.0003	I	BVR	
V0700 Cyg	54210.9659	0.0004	I	R	
V0841 Cyg	54352.7540	0.0001	I	R	
V1191 Cyg	54440.5940	0.0002	II	R	
V1918 Cyg	54220.9430	0.0002	II	R	
V2282 Cyg	54225.9364	0.0003	II	R	
BV Dra	54220.7367	0.0002	II	B	
BW Dra	54220.7163	0.0002	II	B	
FU Dra	54187.8788	0.0003	II	R	
RW Gem	54155.7573	0.0001	I	R	
AC Gem	54381.9507	0.0002	I	R	
BD Gem	54127.6834	0.0002	I	R	
V0345 Gem	54155.6440	0.0003	I	B	
V0719 Her	54233.739	0.001	II	c	
V0728 Her	54233.8613	0.0001	II	R	
V1055 Her	54229.8543	0.0002	I	R	
V1073 Her	54211.8555	0.0001	II	R	
G3092-1291 Her	54219.8302	0.0003	I	R	
V0390 Hya	54130.7676	0.0001	I	R	
V0342 Lac	54403.7319	0.0002	I	R	
SW Lyn	54378.9910	0.0001	I	V	
SW Lyn	54440.8222	0.0002	I	R	
DZ Lyn	54405.9692	0.0003	II	R	
AH Lyr	54403.6053	0.0003	I	R	
V0411 Lyr	54218.899	0.001	I	c	
V0574 Lyr	54354.7252	0.0001	II	R	
V0714 Mon	54153.6300	0.0003	II	R	
DM Peg	54355.766	0.001	I	R	
DK Per	54441.599	0.001	II	R	
IU Per	54354.8190	0.0001	I	R	

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
KR Per	54442.7613	0.0001	I	R	
KW Per	54443.673	0.001	I	R	
V0432 Per	54131.6044	0.0005	II	VRI	
V0432 Per	54131.7959	0.0002	I	VRI	
V0432 Per	54133.7124	0.0002	I	VRI	
V0432 Per	54134.7123	0.0001	II	VRI	
V0432 Per	54185.6516	0.0005	II	R	
V0432 Per	54418.7038	0.0002	II	VRI	
V0579 Per	54432.747	0.001	II	B	
RV Psc	54423.8347	0.0002	I	R	
AU Ser	54225.8558	0.0001	II	R	
OU Ser	54148.0127	0.0002	I	V	
RZ Tau	54353.9033	0.0003	I	R	
SV Tau	54455.6836	0.0004	II	R	
AH Tau	54126.6057	0.0001	II	R	
AM Tau	54440.8236	0.0002	I	R	
CR Tau	54415.7904	0.001	I	c	
CU Tau	54406.760	0.001	I	R	
EQ Tau	54355.8789	0.0002	II	R	
V0781 Tau	54382.9345	0.0005	I	R	
UX UMa	54126.8701	0.0003	I	c	
XY UMa	54442.8964	0.0001	I	R	
ZZ UMa	54455.9259	0.0001	I	R	
AA UMa	54154.8989	0.0002	I	R	
BM UMa	54419.0613	0.0002	II	c	
HH UMa	54418.9558	0.0003	I	R	
G3449-0688 UMa	54435.9180	0.0001	I	c	
BG Vul	54415.6871	0.0003	II	c	
GI Vul	54217.964	0.001	II	R	

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References:

- Danko, A., Clear Sky Clocks, <http://cleardarksky.com/>
 Kwee, K.K., & van Woerden, H., 1956, *B.A.N.*, **12**, (464), 327-330
 Nelson, R.H., Bob Nelson's O-C Files, <http://binaries.boulder.swri.edu/binaries/omc/>
 Satellite Images for North America, <http://gfx.weatheroffice.ec.gc.ca/>