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CCD MINIMA FOR SELECTED ECLIPSING BINARIES IN 2006

NELSON, R.H.

1393 Garvin Street, Prince George, BC, Canada, V2M 3Z1, e-mail: bob.nelson@shaw.ca

Observatory and telescope:	
Sylvester Robotic Observatory (SRO): 33-cm $f/4.5$ Newtonian on Paramount ME mount	
Detector:	SRO: SBIG ST-7XME, $1''25$ pixels, $15'8 \times 10'5$ FOV, cooled $-30 < T < -10$ °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 & van Woerden (1956)	

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
DS And	53795.663	0.001	II	<i>R</i>	
EP And	54091.6016	0.0002	II	<i>R</i>	
HS And	54097.6881	0.0002	I	<i>R</i>	
V0376 And	54011.9868	0.0005	II	<i>B</i>	
SS Ari	54033.886	0.0002	II	<i>R</i>	
AH Aur	54097.8243	0.0003	I	<i>R</i>	
HL Aur	54012.9621	0.0002	II	<i>R</i>	
V0404 Aur	53738.8679	0.0001	I	<i>R</i>	
V0404 Aur	53814.6748	0.0005	II	<i>R</i>	
V0410 Aur	54096.5910	0.0003	I	<i>R</i>	
SU Boo	53738.9772	0.0001	I	<i>R</i>	
TZ Boo	53799.8198	0.0003	II	<i>R</i>	
XY Boo	53857.8897	0.0001	I	<i>R</i>	
AQ Boo	53815.7686	0.0001	I	<i>R</i>	
AR Boo	53821.7770	0.0003	II	<i>R</i>	
AY Cam	54018.9537	0.0002	I	<i>R</i>	
LR Cam	54091.8210	0.0003	II	<i>R</i>	

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
AE Cas	54031.8730	0.0001	I	<i>R</i>	
DN Cas	53980.9378	0.0002	I	<i>R</i>	
MT Cas	53738.6533	0.0001	I	<i>R</i>	
V0364 Cas	54025.9097	0.0001	I	<i>V, R, I</i>	
V0364 Cas	54019.7353	0.0002	II	<i>V, R, I</i>	
V0374 Cas	54030.773	0.0010	I	<i>R</i>	
V0385 Cas	54060.8386	0.0002	I?	<i>R</i>	
V0776 Cas	54093.6015	0.0003	II	<i>R</i>	
VZ Cep	54009.7691	0.0001	I	<i>V, R, I</i>	
AV CMi	54093.9819	0.0001	I	<i>R</i>	
WX Cnc	53790.8289	0.0001	I	<i>R</i>	
YY Cnc	54100.861	0.001	I	<i>R</i>	
AH Cnc	54060.9837	0.0003	II	<i>R</i>	
HN Cnc	54096.8741	0.0003	I	clear	
RW Com	53826.7905	0.0005	II	<i>R</i>	
RZ Com	53806.8301	0.0001	II	<i>R</i>	
SS Com	53791.8356	0.0001	I	<i>R</i>	
LO Com	53813.8045	0.0001	I	<i>R</i>	
DI CVn	53815.6842	0.0001	II	clear	
V0488 Cyg	53823.0259	0.0001	I	<i>R</i>	
V0628 Cyg	53981.9015	0.0002	II	<i>R</i>	
V1187 Cyg	54049.6475	0.0001	I	<i>R</i>	
V1191 Cyg	54049.6383	0.0001	I	<i>R</i>	
V1305 Cyg	53821.9989	0.0005	I	<i>R</i>	
V1417 Cyg	53980.7926	0.0002	I	clear	
V1918 Cyg	53806.9416	0.0002	II	<i>R</i>	
V2240 Cyg	54028.6978	0.0005	II	<i>R</i>	
AR Dra	53785.7261	0.0001	I	<i>R</i>	
AX Dra	53828.7218	0.0001	I	<i>R</i>	
BX Dra	53829.9089	0.0002	II	<i>R</i>	
FU Dra	53819.8177	0.0003	II	<i>R</i>	
AI Gem	53741.8795	0.0003	I	<i>R</i>	
V0345 Gem	54029.6759	0.0005	II	<i>R</i>	
V0502 Her	53855.8287	0.0001	I	<i>R</i>	
V0719 Her	53814.9762	0.0001	I	clear	
V0728 Her	53784.0115	0.0001	I	<i>R</i>	
V0732 Her	53815.940	0.001	II	<i>R</i>	
V0842 Her	53813.8891	0.0001	I	<i>V</i>	
V0842 Her	53829.8126	0.0001	I	<i>R</i>	
V0857 Her	53822.8000	0.0002	I	<i>R</i>	
V0921 Her	53821.8693	0.0003	II	<i>R</i>	
V1069 Her	53807.9635	0.0001	II	<i>R</i>	
V0339 Lac	54068.635	0.0020	I	<i>R</i>	
XX Leo	53814.8274	0.0005	II	<i>R</i>	
AL Leo	53859.7539	0.0001	I	<i>V</i>	
VW LMi	54093.9820	0.0001	II	<i>R</i>	
SW Lyn	54067.9038	0.0001	I	<i>R</i>	

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
UV Lyn	53816.7447	0.0002	II	<i>R</i>	
V0404 Lyr	53981.7443	0.0002	II	<i>R</i>	
V0582 Lyr	53822.9076	0.0001	II	<i>R</i>	
V0496 Mon	53784.6559	0.0003	II	<i>R</i>	
ER Ori	53807.6393	0.0001	I	<i>R</i>	
V0343 Ori	54096.756	0.0010	II	clear	
V0392 Ori	54068.7870	0.0020	I	<i>R</i>	
V1363 Ori	54091.698	0.001	I	<i>R</i>	
BP Per	53738.7623	0.0003	I	<i>R</i>	
II Per	53791.6894	0.0002	II	<i>R</i>	
IK Per	54006.8531	0.0002	I	<i>R</i>	
V0432 Per	54016.802	0.001	I	<i>R</i>	
CU Sge	53983.7327	0.001	I	<i>V</i>	
CU Sge	54006.6913	0.0005	I	<i>V</i>	
AQ Tau	54059.7436	0.0002	I	<i>R</i>	
CT Tau	53799.7082	0.0001	I	<i>R</i>	
CU Tau	54074.887	0.001	II	<i>R</i>	
GQ Tau	54093.7159	0.0002	I	<i>R</i>	
GW Tau	54067.7525	0.0002	II	<i>R</i>	
TY UMa	53783.7573	0.0001	I	<i>R</i>	
UY UMa	53785.8517	0.0001	I	<i>R</i>	
XZ UMa	53807.8435	0.0001	I	<i>R</i>	
BG UMa	53807.729	0.001	I	<i>R</i>	
BS UMa	53821.6682	0.0005	I?	<i>R</i>	
HH UMa	54085.894	0.0003	I	<i>R</i>	
HN UMa	53806.7112	0.0003	II	<i>R</i>	
AX Vir	53816.8319	0.0002	I	<i>R</i>	
CG Vir	53864.7835	0.0003	I	<i>R</i>	
BK Vul	54031.7419	0.0002	II	<i>R</i>	
G2532-0514	53831.924	0.001	II	<i>R</i>	

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Thanks are due to Environment Canada for the website satellite views (see reference below) that were essential in predicting clear times for observing runs in this cloudy locale. Thanks are also due to Attila Danko for his Clear Sky Clocks, (see below). This research has made use of the SIMBAD database, operated at CDS, Strasbourg, France.

References:

- Danko, A., Clear Sky Clocks, <http://cleardarksky.com/>
 Kwee, K.K., van Woerden, H., 1956, *B.A.N.* **12**, (464), 327
 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/>

ERRATUM FOR IBVS 4840

In IBVS 4840, the correct time of minimum for AG Vir should be 51281.8282 ± 0.0006 (the original value reported was out by one hour).

ERRATUM FOR IBVS 5760

The original title erroneously indicated year 2007.

The Author