

New Short Periodic Eclipsing Binaries. III

[M. L. Kuzmin](#)

Moscow, Russia

Received: 7.04.2008; accepted: 8.04.2008

(E-mail for contact: ml.kuzmin@gmail.com)

#	Name	Other	Coord (J2000)	Type	Max	Min	System	Period	Epoch (JD)	type	Sp	Comment	L.Curve	Find.Chart	Data
1		GSC 04302-00309	00 14 56.12, +72 18 30.7	EW	13.05	13.5	R	0.45033	2451359.030	min		Comm. 1	1.jpg	ch1.jpg	NSVS 205361
2		GSC 04492-00196	00 15 42.56, +75 11 55.2	EW	12.0	12.3	R	0.40905	2451335.008	min		Comm. 2	2.jpg	ch2.jpg	NSVS 204631 NSVS 252189 NSVS 292026
3		GSC 02790-01738	00 15 50.06, +41 28 03.1	EW	13.25	13.6	R	0.85056	2451384.362	min		Comm. 3	3.jpg	ch3.jpg	NSVS 3651866
4		GSC 02794-01061	00 16 50.06, +43 44 56.0	EW	13.5	13.85	R	0.52042	2451359.654	min		Comm. 4	4.jpg	ch4.jpg	NSVS 3652212
5		GSC 02790-00068	00 16 05.37, +41 51 24.2	EW	13.8	14.3	R	0.40136	2451442.752	min		Comm. 5	5.jpg	ch5.jpg	NSVS 3652015
6		GSC 02261-01570	00 18 31.35, +30 25 57.7	EW	13.65	13.95	R	0.36255	2451448.945	min		Comm. 6	6.jpg	ch6.jpg	NSVS 6330034
7		GSC 02265-01199	00 19 12.73, +33 01 11.5	EW	12.75	13.05	R	0.51003	2451541.898	min		Comm. 7	7.jpg	ch7.jpg	NSVS 6330220
8		GSC 03251-00204	00 19 36.56, +48 39 55.1	EW	13.8	14.25	R	0.30421	2451390.564	min		Comm. 8	8.jpg	ch8.jpg	NSVS 3699187
9		GSC 04496-00489	00 20 24.91, +78 14 27.9	EW	14.0	14.8	R	0.34385	2451606.822	min		Comm. 9	9.jpg	ch9.jpg	NSVS 252408 NSVS 301116 NSVS 1446628

Comments:

1. Min II = 13.4.
2. Min II = 12.25.
3. Min II = 13.5.
4. Min II = 13.8.
5. Min II = 14.15.
6. Min II = 13.95.
7. Min II = 13.0.
8. Min II = 14.15.
9. Min II = 14.7.

Remarks:

I announce the discovery of nine new short-period eclipsing binaries (EW type) found in the public data release from the Northern Sky Variability Survey (NSVS; Wozniak et al., 2004; see also <http://skydot.lanl.gov/nsvs/>).

These observations were analyzed using the period-search software developed by Dr.V.P.Goranskij for Windows environment. The coordinates were drawn from the 2MASS catalog.

References:

Wozniak, P.R., Vestrand, W.T., Akerlof, C.W. et al., 2004, *Astron. J.*, 127, 2436