

New Short Periodic Eclipsing Binaries. II

[M. L. Kuzmin](#)

Moscow, Russia

Received: 7.02.2008; accepted: 21.02.2008

(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 04607-01803	21 39 22.85, +79 42 07.5	EW	12.25	12.5	R	0.314009	2451401.864	min		Comm. 1	1.jpg	chart1.jpg	NSVS 122145 NSVS 1275052 NSVS 1407973
2		GSC 02726-02118	21 51 03.11, +35 10 45.8	EW	12.35	12.9	R	0.890893	2451426.657	min		Comm. 2	2.jpg	chart2.jpg	NSVS 8835405
3		GSC 04462-02597	21 57 04.34, +68 15 31.1	EW	13.4	14.0	R	0.325898	2451358.668	min		Comm. 3	3.jpg	chart3.jpg	NSVS 1368929 NSVS 3338777 NSVS 3382895
4		GSC 04650-02560	22 13 01.02, +83 20 04.9	EW	12.0	12.3	R	0.606999	2451415.21	min		Comm. 4	4.jpg	chart4.jpg	NSVS 43721 NSVS 136832 NSVS 1411824
5		GSC 04484-01188	22 29 03.08, +71 48 42.7	EW	13.1	13.45	R	0.652783	2451560.779	min		Comm. 5	5.jpg	chart5.jpg	NSVS 159238 NSVS 1380827
6		GSC 04488-00699	22 35 09.39, +74 27 17.4	EW	13.5	14.0	R	0.362436	2451511.873	min		Comm. 6	6.jpg	chart6.jpg	NSVS 123880 NSVS 1379725

Comments:

1. MinII = 12.5.
2. MinII = 12.8.
3. MinII = 13.85.
4. MinII = 12.3.
5. MinII = 13.4.
6. MinII = 13.95.

Remarks:

I announce the discovery of 6 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