

New Eclipsing Binary Stars. V

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#	Name	Other	Coord (J2000)	Type	Max	Min	System	Period	Epoch (JD)	type	Sp	Comment	L.Curve	Find.Chart	Data
1		GSC 02787-01836	00 20 35.27, +40 04 16.8	EW	11.97	12.2	R	0.29707	2451497.684	min		Comm. 1	1.gif	ch1.gif	NSVS 3656944
2		GSC 03967-00072	21 44 34.50, +54 22 01.1	EW	11.25	11.45	R	0.35465	2451361.765	min		Comm. 2	2.gif	ch2.gif	NSVS 3299592 NSVS 3410708
3		GSC 03184-00096	21 48 25.20, +38 47 20.1	EA	12.5	13.2	R	1.57137	2451408.560	min		Comm. 3	3.gif	ch3.gif	NSVS 5937159 NSVS 8832278
4		GSC 03608-00488	21 53 38.07, +48 24 13.4	EW	12.5	12.9	R	0.38821	2451415.915	min		Comm. 4	4.gif	ch4.gif	NSVS 5991670 NSVS 6017710
5		GSC 04276-00485	22 34 16.79, +66 46 32.7	EW	12.55	12.85	R	0.41831	2451550.540	min		Comm. 5	5.gif	ch5.gif	NSVS 3505273
6		GSC 04605-00982	22 51 07.62, +78 27 21.5	EW	13.1	13.4	R	0.38618	2451490.892	min		Comm. 6	6.gif	ch6.gif	NSVS 134899 NSVS 1424302

Comments:

1. MinII = 12.2.
2. MinII = 11.45.
3. MinII = 12.8.
4. MinII = 12.8.
5. MinII = 12.8.
6. MinII = 13.4.

Remarks:

I announce the discovery of six new eclipsing binaries 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