

## New Eclipsing Binary Stars. IV

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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 04492-00148	00 14 52.53, +75 39 18.3	EB	13.4	14.0	R	1.16374	2451322.565	min		<a href="#">Comm. 1</a>	<a href="#">01.jpg</a>	<a href="#">ch01.jpg</a>	<a href="#">NSVS 204192</a> <a href="#">NSVS 251779</a> <a href="#">NSVS 292968</a>
2		GSC 02787-01062	00 22 06.02, +40 31 24.2	EB	12.55	12.9	R	0.68216	2451512.492	min		<a href="#">Comm. 2</a>	<a href="#">02.jpg</a>	<a href="#">ch02.jpg</a>	<a href="#">NSVS 3658273</a>
3		GSC 03247-00346	00 22 17.16, +46 49 37.2	EA	12.3	12.7	R	3.3579	2451498.130	min		<a href="#">Comm. 3</a>	<a href="#">03.jpg</a>	<a href="#">ch03.jpg</a>	<a href="#">NSVS 3702625</a>
4		GSC 04615-01658	00 23 41.95, +83 21 57.5	EA	12.95	13.7	R	3.1778	2451408.840	min		<a href="#">Comm. 4</a>	<a href="#">04.jpg</a>	<a href="#">ch04.jpg</a>	<a href="#">NSVS 57886</a> <a href="#">NSVS 250656</a>
5		GSC 03680-00645	01 02 09.16, +59 55 43.0	EB	10.55	10.87	R	1.1644	2451554.484	min		<a href="#">Comm. 5</a>	<a href="#">05.jpg</a>	<a href="#">ch05.jpg</a>	<a href="#">NSVS 1650255</a> <a href="#">NSVS 1677759</a> <a href="#">NSVS 1726377</a>
6		GSC 02282-01446	01 10 45.77, +33 10 54.6	EB	12.25	12.64	R	0.87347	2451375.670	min		<a href="#">Comm. 6</a>	<a href="#">06.jpg</a>	<a href="#">ch06.jpg</a>	<a href="#">NSVS 6434003</a>
7		GSC 04490-00434	23 22 23.95, +74 38 44.0	EB	12.05	12.55	R	1.2280	2451407.420	min		<a href="#">Comm. 7</a>	<a href="#">07.jpg</a>	<a href="#">ch07.jpg</a>	<a href="#">NSVS 139805</a> <a href="#">NSVS 183684</a> <a href="#">NSVS 1396926</a> <a href="#">NSVS 1441629</a>
8		GSC 04288-01270	23 25 58.98, +64 34 55.5	EB	11.55	11.9	R	0.97578	2451338.487	min		<a href="#">Comm. 8</a>	<a href="#">08.jpg</a>	<a href="#">ch08.jpg</a>	<a href="#">NSVS 1477355</a> <a href="#">NSVS 3537542</a>
9		GSC 04292-00890	23 32 54.63, +65 44 16.8	EB	11.87	12.17	R	1.12995	2451609.340	min		<a href="#">Comm. 9</a>	<a href="#">09.jpg</a>	<a href="#">ch09.jpg</a>	<a href="#">NSVS 1482464</a> <a href="#">NSVS 3539908</a>
10		GSC 04478-00097	23 34 34.28, +67 42 34.5	EB	12.85	13.17	R	1.1465	2451558.520	min		<a href="#">Comm. 10</a>	<a href="#">10.jpg</a>	<a href="#">ch10.jpg</a>	<a href="#">NSVS 183944</a> <a href="#">NSVS 1484542</a> <a href="#">NSVS 3537920</a>
11		GSC 04606-01065	23 39 15.35, +78 06 51.2	EB	13.1	13.7	R	0.55135	2451598.638	min		<a href="#">Comm. 11</a>	<a href="#">11.jpg</a>	<a href="#">ch11.jpg</a>	<a href="#">NSVS 146837</a> <a href="#">NSVS 291876</a> <a href="#">NSVS 1437624</a>

### Comments:

1. MinII = 13.7.
2. MinII = 12.65.
3. MinII = 12.5.
4. MinII = 13.5.
5. MinII = 10.8.
6. MinII = 12.47.
7. MinII = 12.35.
8. MinII = 11.7.
9. MinII = 12.02.
10. MinII = 13.15.
11. MinII = 13.35.

**Remarks:**

I announce the discovery of 11 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