

## A New UGSS Variable Star NSV 6052

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<b>Star Name:</b>	NSV 6052, GSC 8254-01530, 1RXS J130058.0-491205, HV 8484, ASAS130058-4912.2		
<b>Coordinates (J2000):</b>	13 00 57.62, -49 12 12.3		
<b>Variability type:</b>	UGSS;	<b>Limits, System:</b>	11.0 - 13.9 (V);
<b>Period:</b>		<b>Epoch:</b>	JD

### Remarks:

The variable star HV 8484 = NSV 6052 was discovered by Luyten (1935), who announced variations between 13.2 and 14.6 mag pg. The star was never studied in detail. The authors of the ASAS-3 survey (Pojmanski, 2002) included it into the ASAS-3 variable star catalog as a MISC/SR variable. The star is not red, with  $J = 11.530$ ,  $H = 11.129$ ,  $K = 10.978$  in the 2MASS catalog (Cutri et al., 2003). I analyzed the ASAS-3 data and found that NSV 6052 was most probably a UGSS type cataclysmic variable, with characteristic cycle length between 33 and 43 days.

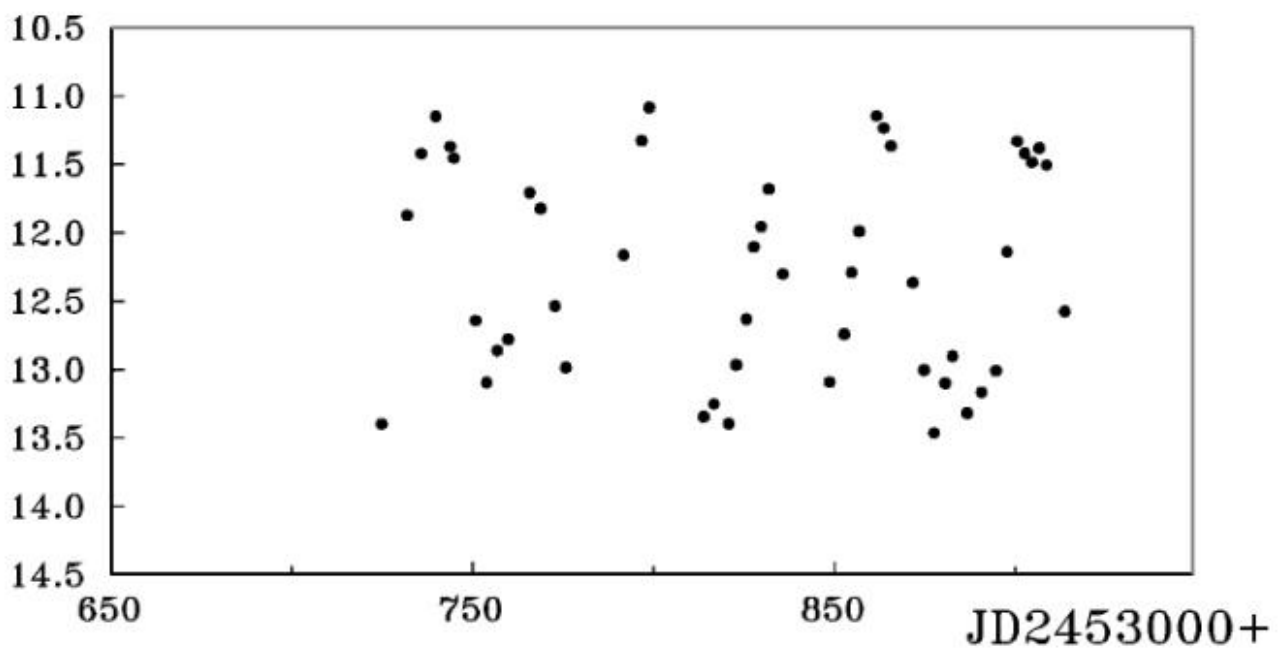
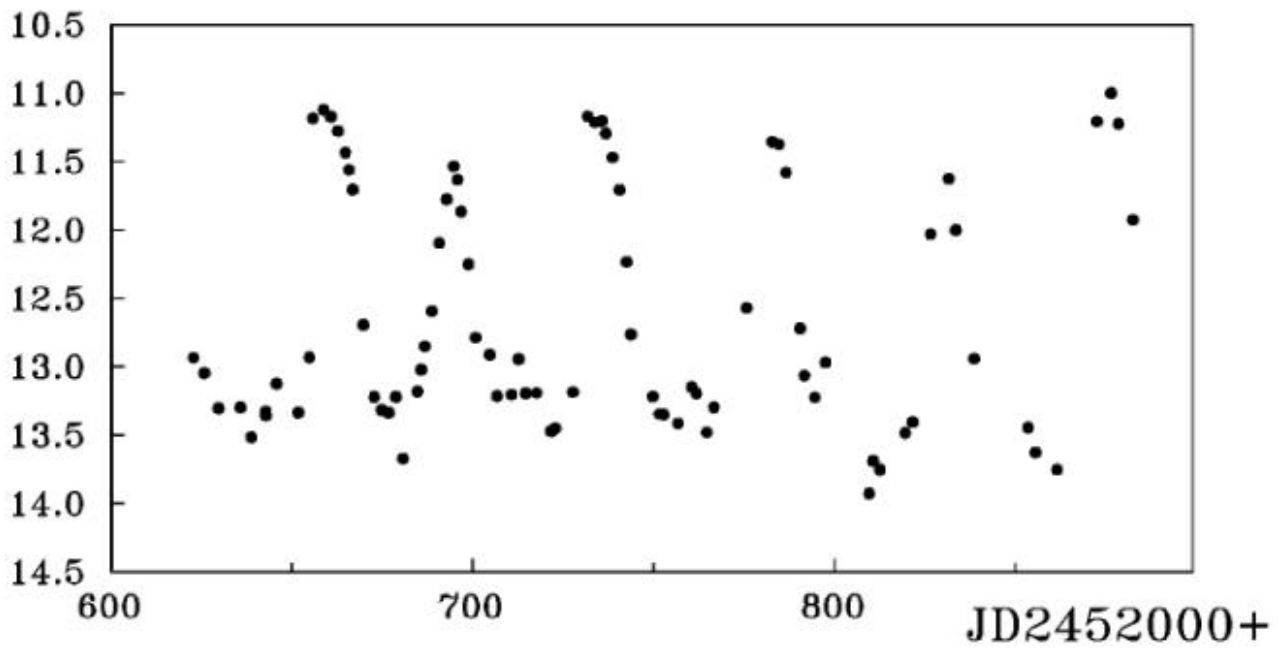
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### References:

Cutri, R.M., Skrutskie, M.F., Van Dyk, S. et al., 2003, The 2MASS All-Sky Catalog of Point Sources  
Luyten, W.J., 1935, *Astron. Nachr.*, 256, 327  
Pojmanski, G., 2002, *Acta Astronomica*, 52, 397

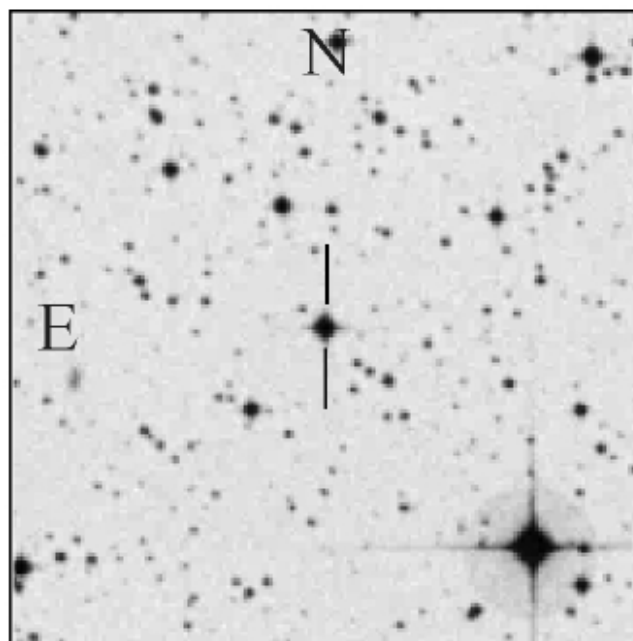
### Light Curve

V NSV 6052 = ASAS 130058-4912.2



Finding Chart

# NSV 6052



5'x5' POSS II blue