

## GSC 00847 01021 : a new brightish cataclysmic variable in Leo

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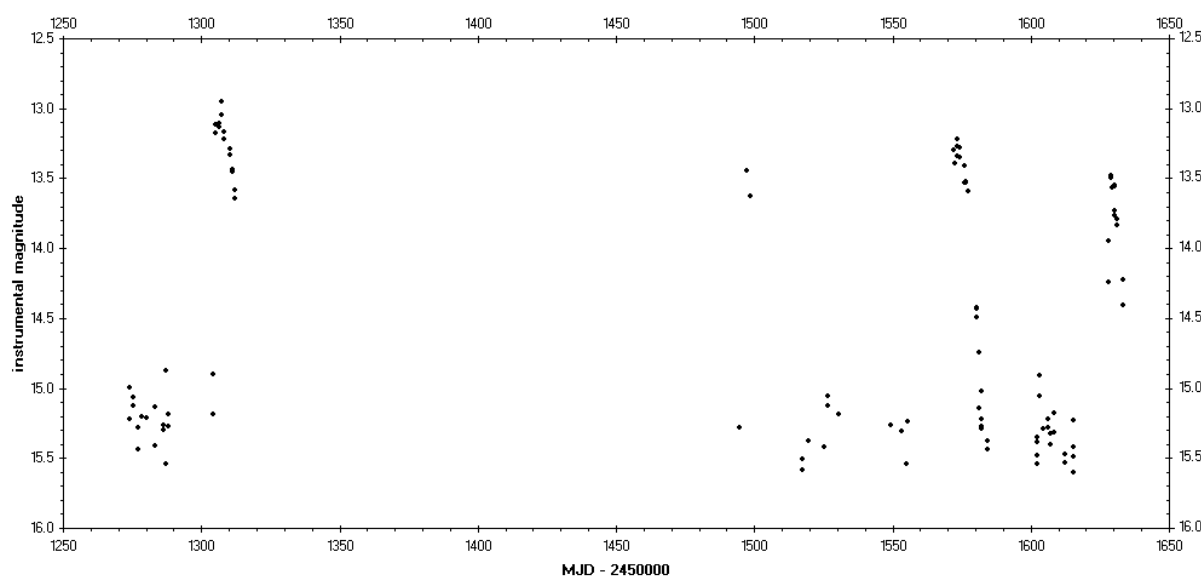
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**Abstract :** GSC 00847 01021 is revealed to be a cataclysmic variable of the UGSS subclass by Northern Sky Variability Survey data.

As part of their work on red variables in the NSVS (Northern Sky Variability Survey, Wozniak *et al* 2004) in Williams *et al* 2004, the investigating team made available on their ftp holdings' site a list of 693 non-red objects that also showed long term trends in variation, although not particularly mentioning these in the body of the paper.

One such object is NSVS 1057564+092315, which lies at the position 10h 57m 56.30s +09° 23' 15.0" J2000 according to UCAC2 (Zacharias *et al* 2004).

The raw NSVS data shows this object is evidently a cataclysmic variable most likely of the normal UGSS subclass, that is an "SS Cyg" type cataclysmic variable, as illustrated in the following figure :-



### Acknowledgements

Patrick Wils for first calling to attention the nature of this light curve. The public database of the Northern Sky Variability Survey : [skydot.lanl.gov/nsvs/nsvs.php](http://skydot.lanl.gov/nsvs/nsvs.php)

### References

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 Zacharias, N., Urban, S. E., Zacharias, M. I., Wycoff, G. L., Hall, D. M., Monet, D. G., Rafferty, T. J., 2004, *AJ*, 127, 3059