



MN Hya

Long Period
Eclipsing Polar

OBSERVATION DATA

SCALE 10" X 10"

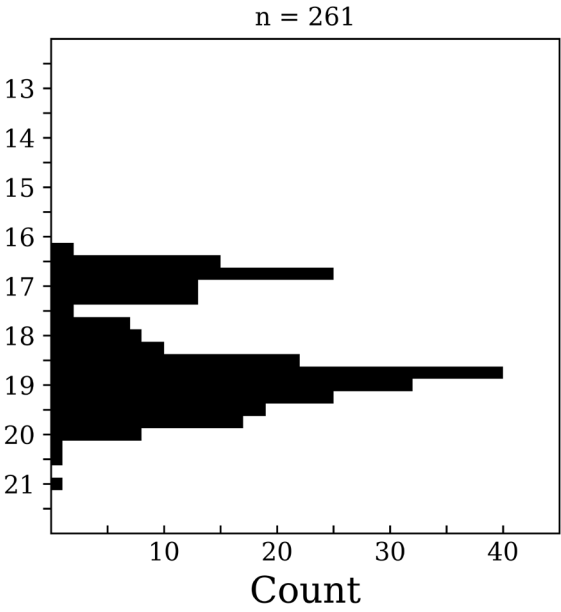
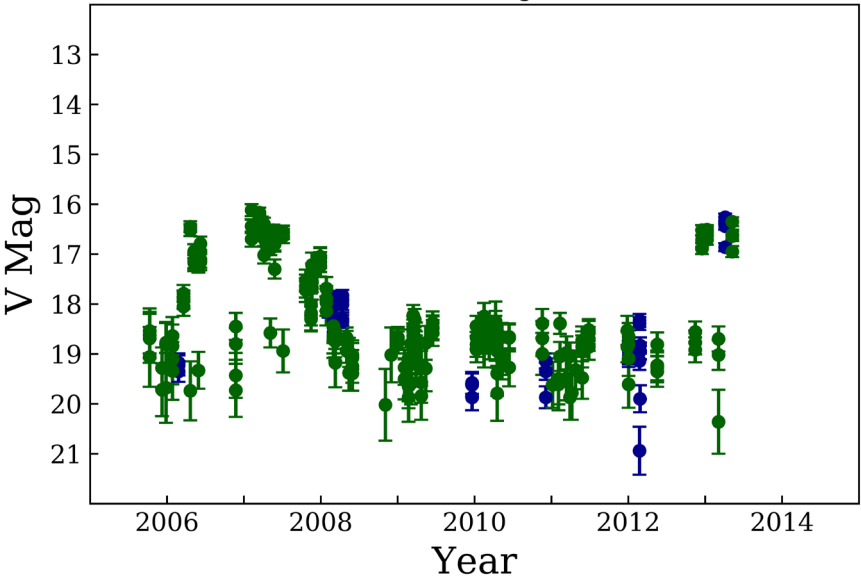
ROSAT RASS [5]

OTHER NAME(S): CRTS J092455.9+132052; Hya 4				
FOUND: ROSAT RASS 1994				
RIGHT ASCENSION [1]	09 ^h 29 ^m 07.03 ^s	DECLINATION [1]	-24° 05′ 05.42″	
PARALLAXES (mas) [2]	1.563 ± 0.073	DISTANCE (pc) [3]	630.489	
DISTANCE BOUNDARIES (pc) [3]		Lower = 605.624	Upper = 655.446	
MAGNETIC FIELD (MG) [4]	B ₍₁₎ =42	...	WD MASS (e)	0.58
ORBITAL PERIOD & SPIN PERIOD				
DAYS	HOURS		MINUTES	
0.14124	3.3899		203.3911	
OPTICAL (CRTS MAGNITUDE)				
V _{HIGH} = 16.25	V _{LOW} = 20.5	V _(MODE 1) = 18.75	V _(MODE 2) = 16.75	
OTHER INFORMATION				

SUMMARY

CRTS PHOTOMETRY

MN Hya



EXTERNAL LINKS



REFERENCES

¹ [Downes, Ronald A. et al 2001, "A Catalog and Atlas of Cataclysmic Variables: The Living Edition", PASP, Vol. 113, Iss. 784, 764-768](#)

² [Gaia Collaboration et al. \(2018b\): Summary of the contents and survey properties](#)

³ [Bailor-Jones et al. 2018, "Estimating Distance from Parallaxes, IV. Distances to 1.3 Billion Stars in Gaia Data Release 2", ApJ, Vol. 156, 58](#)

⁴ [Ferrario, Lilia, et al. 2015, "Magnetic White Dwarfs", SSRv 191, 111-169](#)

⁵ [HEASARC Skyview: ROSAT All-Sky](#)

⁶ [Wang, Qi-Shan et al. 2018, "Photometric analysis of the eclipsing polar MN Hya", RAA, Vol. 18, Iss. 7](#)

⁷ [Sekiguchi, K. et al. 1994, "RXJ 0929.1-2404: an eclipsing magnetic cataclysmic variable.", MNRAS, Vol. 266, L51-L53](#)

⁸ [Buckley, David A. H. et al. 1998, "Polarimetry of the eclipsing polar RX J0929.1-2404", MNRAS, Vol. 295, Iss. 4, pp. 899-906](#)

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