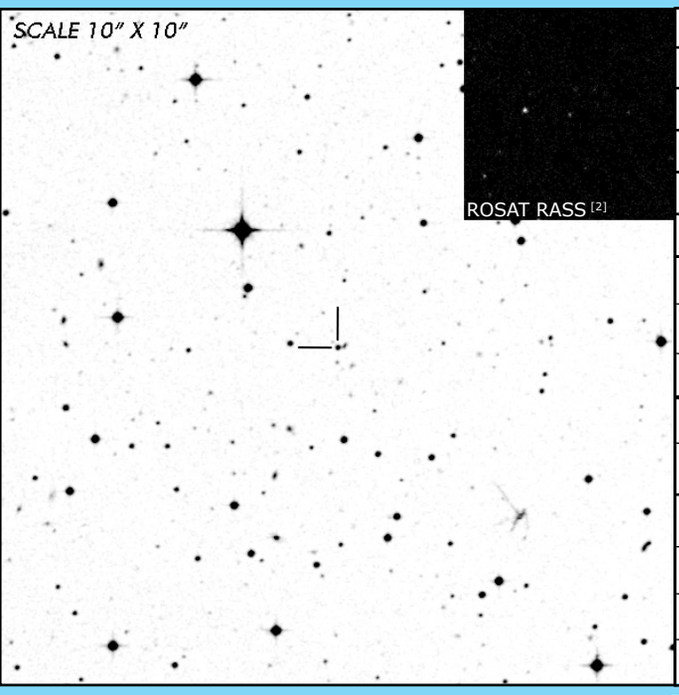
HY Eri

Eclipsing Period Gap Polar

OBSERVATION DATA



OTHER NAME(S): 2MASS J05014637-0359204; 1RXS J050146.2-035927				
FOUND: RASS 2016				
RIGHT ASCENSION [1]	$05^h\ 01^m\ 46.403^s$	**DECLINATION** [1]	-03° 59′ 20.542″	
PARALLAXES (*mas*)	0.246 ± 0.571	**DISTANCE (*pc*)** [1]	1890.514	
DISTANCE BOUNDARIES (pc)		Lower = 1170.535	Upper = 2759.084	
MAGNETIC FIELD (*MG*)		$B_{(1)}$ = 28	$B_{(2)}$ = 30	**W_D MASS (MΘ)** 0.42

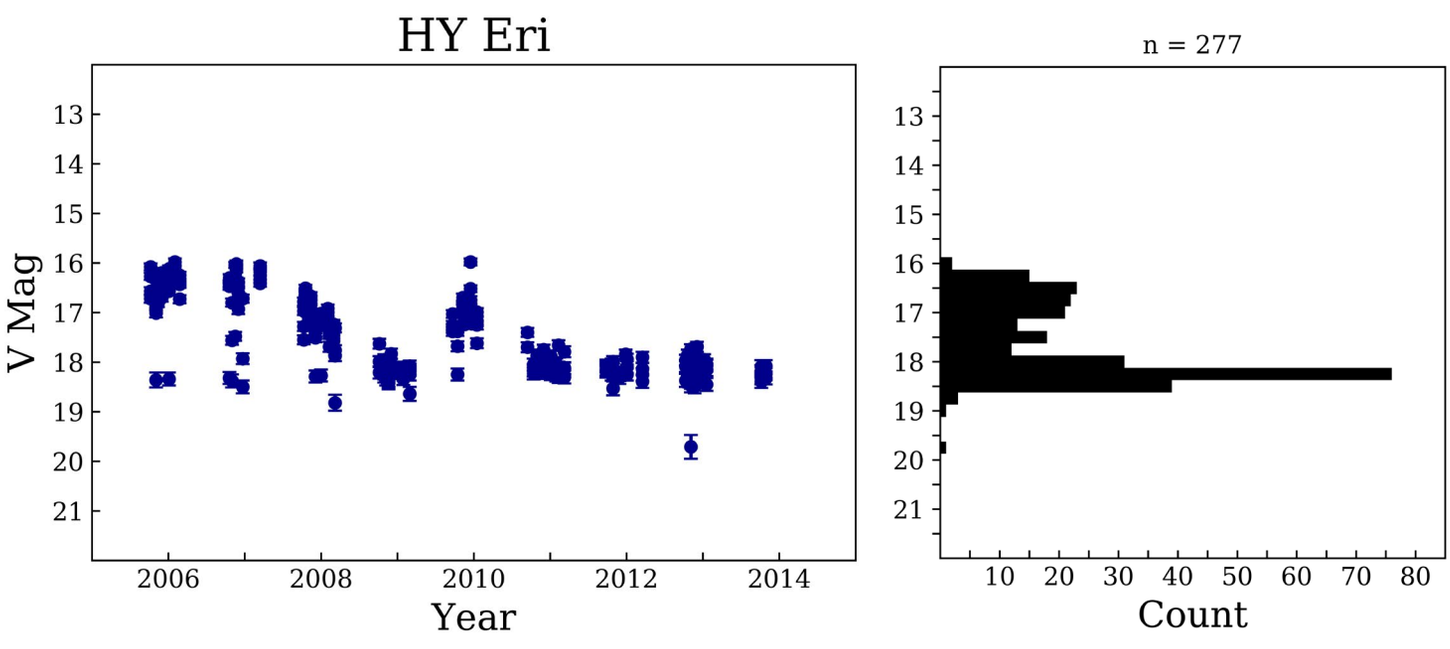
ORBITAL PERIOD & SPIN PERIOD		
DAYS	**HOURS**	**MINUTES** [3]
0.11897	2.8553	171.315

OPTICAL (CRTS MAGNITUDE)			
V_{HIGH} = 16	V_{LOW} = 19	V_{MODE} = 18.25	...

OTHER INFORMATION			
...	...		
...			
...	...	...	...

SUMMARY

CRTS PHOTOMETRY



EXTERNAL LINKS

STScI Sky Survey

SIMBAD

REFERENCES

[1] Gaia Collaboration et al. (2018b): Summary of the contents and survey properties
[2] Bailer-Jones et al. 2018, "Estimating Distance from Parallaxes, IV. Distances to 1.33 Billion Stars in Gaia Data Release 2", ApJ, Vol. 156, 58
[3] Burenin, R. A. et al. 2016, "Sample of Cataclysmic Variables Detected in the 400d X-ray Survey", Astron. Lett, Vol. 42, Iss. 4, pp. 240-250
[4] HEASARC Skyview: ROSAT All-Sky
[5] Beuermann, K. et al. 1999, "Identification of Soft High Galactic Latitude RASS X-ray Sources. II. Sources with PSPC Count Rate CR < 0.5 cts/s", A&A, Vol. 347, p. 47-54
[6] Beuermann, K. et al. 2020, "Neglected X-ray Discovered Polars. II. The Peculiar Eclipsing Binary HY Eridani", A&A, Vol. 634, pp. 17
[7]