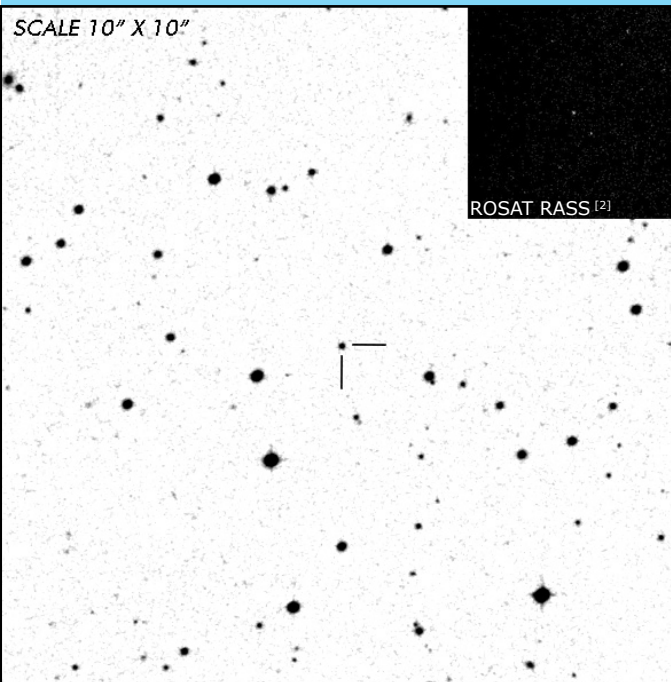


IW Eri

Short Period Polar

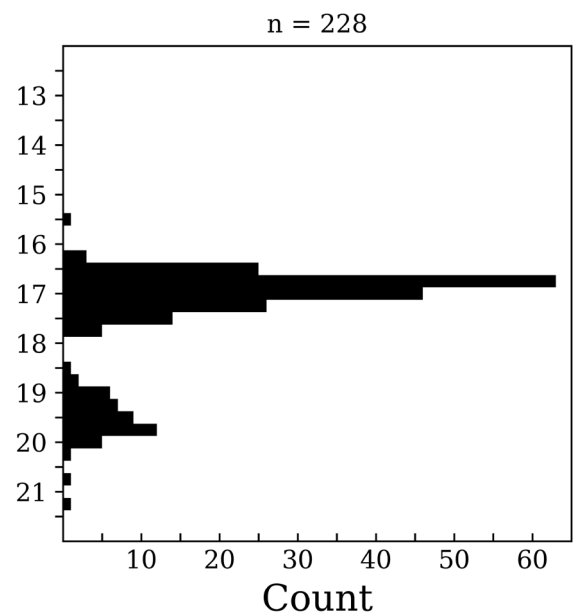
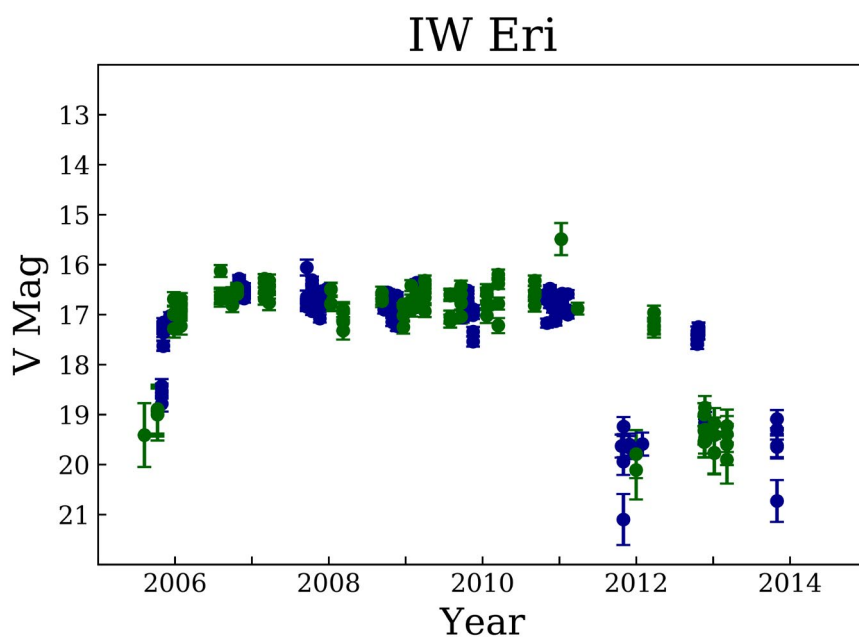
OBSERVATION DATA



OTHER NAME(S): RBS 0541; 1RXS J042555.8-194534			
FOUND: ROSAT RBSC 2000			
RIGHT ASCENSION ^[1]	04 ^h 25 ^m 55.192 ^s	DECLINATION ^[1]	-19° 45' 30.490''
PARALLAXES (<i>mas</i>)	2.715 ± 0.157	DISTANCE (<i>pc</i>) ^[1]	366.057
DISTANCE BOUNDARIES (<i>pc</i>)		Lower = 348.471	Upper = 348.799
MAGNETIC FIELD (<i>MG</i>)		...	...
W _D MASS (M _⊙)		...	
ORBITAL PERIOD & SPIN PERIOD			
DAYS	HOURS		MINUTES ^[3]
0.06050	1.4520		87.1200
OPTICAL (CRTS MAGNITUDE)			
V _{HIGH} = 16.25	V _{LOW} = 20.25	V _{MODE} = 16.75	V _{MODE 2} = 19.75
OTHER INFORMATION			
...		...	
...			
...	...	...	...

SUMMARY

CRTS PHOTOMETRY



EXTERNAL LINKS



REFERENCES

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

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

³ [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](#)

⁴ [HEASARC Skyview: ROSAT All-Sky](#)

⁵ [Schwope, A. D. et al 2002, "The Census of Cataclysmic Variables in the ROSAT Bright Survey", A&A, Vol. 396, p. 895-910](#)

⁶ [Suleimanov, Valery F. et al. 2022, "Hard X-Ray Luminosity Functions of Cataclysmic Variables: Joint Swift/BAT and Gaia Data", MNRAS, Vol. 511, Iss. 4, pp. 4937-4945](#)

⁷ [Harrison, Thomas E. et al. 2015, "The WISE Light Curves of Polars", ApJS, Vol. 219, Iss. 2, pp. 80](#)

⁸ [Schwope, A. et al. 2000, "The ROSAT Bright Survey: II. Catalogue of all High-Galactic Latitude RASS Sources with PSPC Countrate CR>0.2 s⁻¹", AN, Vol. 321, No. 1, p. 1-52](#)

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