



EQ Cet

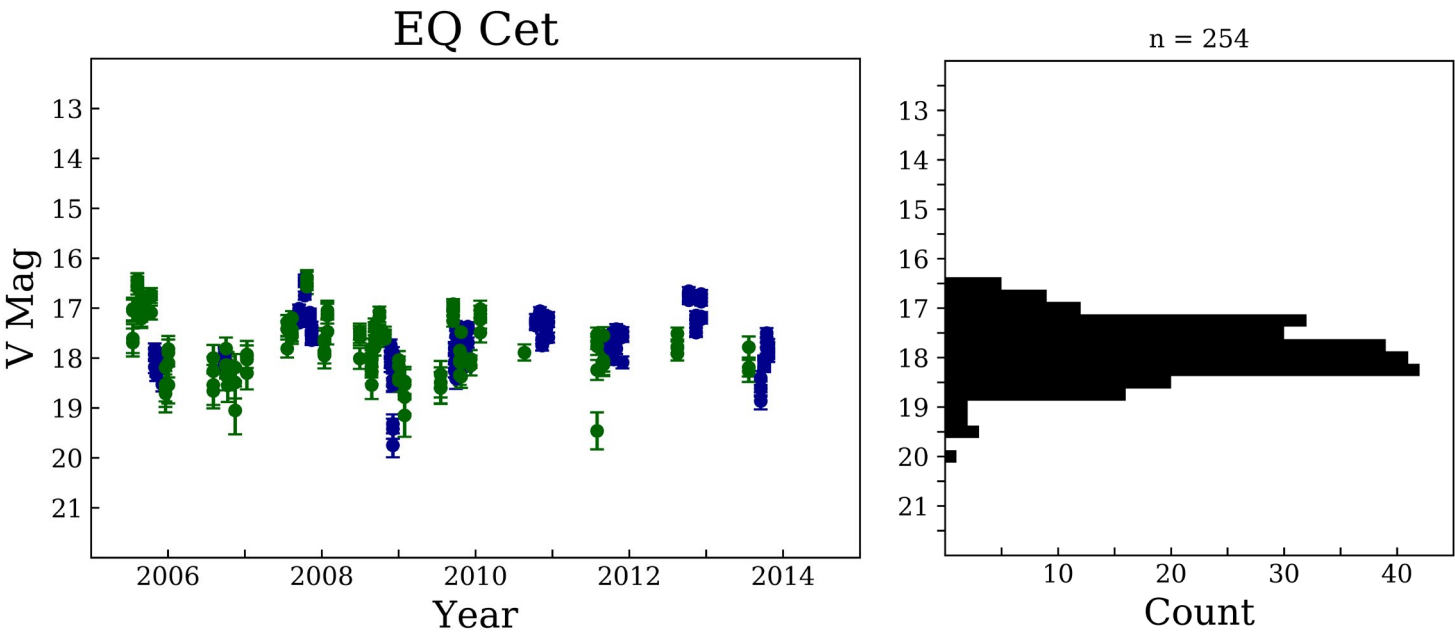
Short Period Pre-Polar

OBSERVATION DATA

SCALE 10" X 10" ROSAT RASS ^[4]	OTHER NAME(S): 1RXS J012851.9-233931, RBS 206		
	FOUND: ROSAT RBSC 1999		
	RIGHT ASCENSION ^[1]	01 ^h 28 ^m 52.544 ^s	DECLINATION ^[1]
	PARALLAXES (mas) ^[1]	3.506 ± 0.0876	DISTANCE (pc) ^[2]
	DISTANCE BOUNDARIES (pc) ^[2]		Lower = 277.789 Upper = 288.236
	MAGNETIC FIELD (MG) ^[3]		B ₍₁₎ = 34 B ₍₂₎ = 45
	ORBITAL PERIOD & SPIN PERIOD		
	DAYS	HOURS	MINUTES ^[5]
	0.06446	1.5469	92.8152
	OPTICAL (CRTS MAGNITUDE)		
V _{HIGH} = 16.5		V _{LOW} = 19.5	V ₍₁₎ = 18.25 ...
OTHER INFORMATION			

SUMMARY

CRTS PHOTOMETRY



EXTERNAL LINKS



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 [Schwope, A.D. et al. 1999, "Zeeman lines and a single cyclotron line in the low-accretion rate polar 1RXS J012851.9–233931", A&A, 348, 861](#)

⁴ [HEASARC Skyview: ROSAT All-Sky](#)

⁵ [Campbell, R.K. et al. 2008, "Cyclotron Modeling Phase-Resolved Infrared Spectroscopy of Polars. II. EQ Ceti, AN Ursa Majoris, and VV Puppis", ApJ, 678,1304](#)

⁶ [Barrett, Paul E. et al 2018, "A Jansky VLA Survey of Magnetic Cataclysmic Variable Stars. I. The Data", ApJ, Vol. 154, 252](#)

⁷ [Duffy, C. et al. 2022, "Short-duration Accretion States of Polars as Seen in TESS and ZTF Data", MNRAS, Vol. 516, Iss. 3, pp. 3144-3158](#)

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