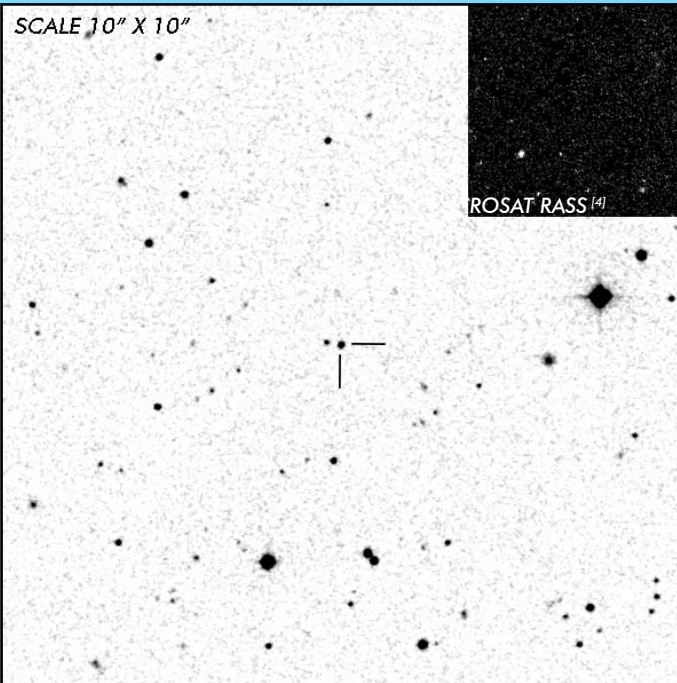




AR UMa

Short Period
Polar

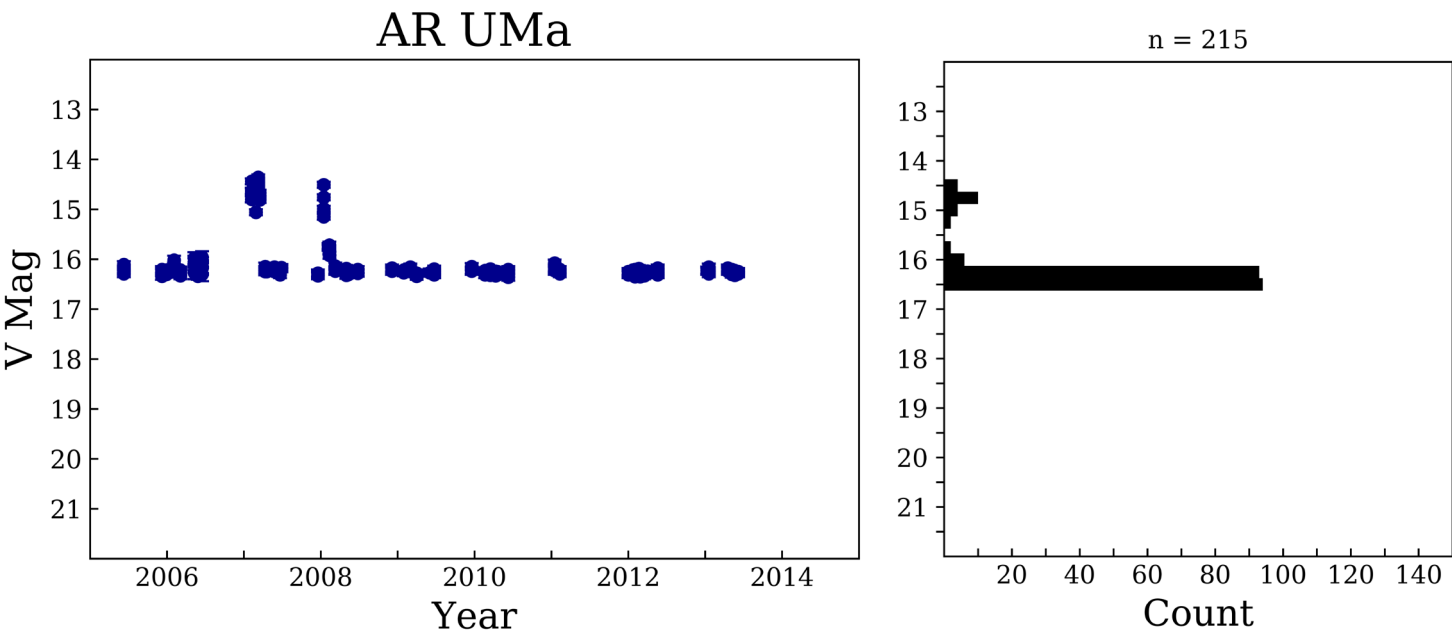
OBSERVATION DATA



OTHER NAME(S): 1ES 1113+43.2; RX J1115.6+4258; CSO 1153						
FOUND: 1ES 1968						
RIGHT ASCENSION ^[1]		11 ^h 15 ^m 44.59 ^s	DECLINATION ^[1]		+42° 58′ 22.43″	
PARALLAXES (<i>mas</i>) ^[1]		10.118±0.054	DISTANCE (<i>pc</i>) ^[2]		98.616	
DISTANCE BOUNDARIES (<i>pc</i>) ^[2]			Lower = 98.100		Upper = 99.120	
MAGNETIC FIELD (<i>MG</i>) ^[3]			B ₍₁₎ >160	B ₍₂₎ =240	B _{zee} =230	...
ORBITAL PERIOD & SPIN PERIOD						
DAYS		HOURS		MINUTES		
0.08050		1.9320		115.9209		
OPTICAL (CRTS MAGNITUDE)						
V _{HIGH} = 14.5		V _{LOW} = 16.5		V _(MODE 1) = 16.5		...
OTHER INFORMATION						

SUMMARY

CRTS PHOTOMETRY



EXTERNAL LINKS



REFERENCES

¹ [Gaia Collaboration et al. \(2018b\): Summary of the contents and survey properties](#)

² [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](#)

³ [Ferrario, Lilia, et al. 2015, "Magnetic White Dwarfs", *SSRv* 191, 111-169](#)

⁴ [HEASARC Skyview: ROSAT All-Sky](#)

⁵ [Barrett, Paul E. et al. 2017, "A Jansky VLA Survey of Magnetic Cataclysmic Variable Stars. I. The Data", *AJ*, Vol 154, Iss. 6](#)

⁶ [Bai, Yu et al. 2016, "Time-variable Aluminum Absorption in the Polar AR Ursae Majoris, and an Updated Estimate for the Mass of the White Dwarf," *AJ*, Vol. 828, Iss. 1, pp 10](#)

⁷ [Remillard, R.A. et al. 1994, "1ES 1113+432: Luminous, Soft X-Ray Outburst from a Nearby Cataclysmic Variable \(AR Ursae Majoris\)," *AJ*, Vol. 426, p. 288](#)

⁸ [Elvis, Martin et al. 1992, "The Einstein Slew Survey," *ApJS*, Vol. 80, p. 257](#)

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