

# Comet C/2023 A3 (Tsuchinshan-ATLAS)

First Sightings, Mid-October 2024

Date	Location, NJ	First Sighted			Subsequently Naked Eye?	Magnitude SkyTools 4	Moon	
		Time, EDT	Instrument	Altitude			Illumination	Altitude
14	Mt Laurel	6:59 pm	12x50B	16.0°	Yes	+1.0	90.8%	20.7°
15	Mt Laurel	6:59 pm	8x42B	19.4°	Yes	+1.7	96.6%	17.1°
16	Medford	6:57 pm	12x50B	22.3°	Borderline	+2.2	99.6%	12.5°
17	Mt Laurel	7:03 pm	12x50B	25.1°	No	+2.7	99.6%	6.9°
18	Batsto	6:57 pm	12x50B	27.9°	Yes + 5° tail	+3.2	96.5%	1.3°

Full Moon at 7:26 am EDT on Oct 17, very nearly at the mid-point between the Oct 16 & 17 observations. Light curve from Jure Zakrajšek, COBS.

