

ObservationReport

all measures in mm

ObservationID 0339 on 2024-10-15 19:30

Object	C/2023-A3
Common Name	C/2023-A3
Alternate Name (s)	Tsuchinshan-ATLAS
Visual Magnitude	0
Distance ► Object	
Apparent Size	
Object R.A.	
Object DEC	
WikiLink	C/2023 A3 (Tsuchinshan-ATLAS)



20241015_C-2023-A3_FUXT3_0339-4303-02WM.jpg

Link ► Picture	C/2023-A3_20241015
Description	Comet
Constellation	

Picture Data

Work Status	PostProcessed	Quality	**
Source Format	Photo	Picture Center R.A.	
Tot./Act. Frames/Pane	1 1	Picture Center DEC	
H / V Panes	1 1	H/V FoV [°]	2,4040 1,5960
Exp. [s] / Frame	3	Above horizon [°]	0
Total Time / Pane [min]	0,05 0,05	View Direction	N

Camera Data FUJIFILM FU-XT3 FUJXT3

Camera Angle [°]	0	Pixel Pitch [µm]	3,74
Gain or ISO	5000	Camera Temp. °C	6

Observation Site

Observation Start	2024-10-15T19:30:13 UTC+/- +1h	Observation End	2024-10-15T19:30:44
Observation Site	DE Göttingen MBR	Site Elevation /Bortle	182 5
Province	NDS	Site Coordinates	51° 34' N, 9° 56' E

Sky & Moon

Sky Index Total Clouds	3,5 21 %	Moon Rise Set	17:55:00 06:05:00
Outside Temp. °C	6	Moon Age [d]	12,9
Moon Phase % Illum.	2nd quarter 96 %	Moon ► Target Dist.	UNKNOWN

Optical Configuration FUXT3FU640 FU100-400FUXT3

Lens or Scope	Fuji 100-400mm	Focuser	-
Type Of Build	Camera Lense	Focuser Position [mm]	EAF Steps 0
Brand	Fujifilm	Optical Factor	1,4
Additional Optics	Fuji TC 1.4	FoL norm actual [mm]	560 265
Filter	-	DawesLimitLink	1,6 Arcsec
Diameter [mm]	77	Optical Scale ["/px]	1,378
Aperture / f-stop	6,70		

Other Hardware & Software

GuideScope	NONE	Mount	Photo Tripod
GuiderHW	ASI AIR Pro	SessionControl	ASI AIR Pro
GuiderSW	ASi air App	PostProcessingSW	LrC

More ...

Work Folder	2024\20241015_C-2023-A3_0339_GOE-MBR
Comment	
Remarks	Unfortunately, the sky was not very clear and the comet could not be seen with the naked eye, as it was still quite close to the sun and twilight was far from over. The picture was taken with a normal digital system camera with a zoom telephoto lens at a focal length of 265mm (398mm in relation to the 35mm ASP-C sensor of the camera).