

ObservationReport

ObservationID

0034

on

2020-07-21 23:13

all measures in mm



Object	C/2020-F3
Common Name	C/2020 F3
Alternate Name (s)	Comet Neowise
Visual Magnitude	3,3
Distance ► Object	
Apparent Size	
Object R.A.	
Object DEC	
WikiLink	https://en.wikipedia.org/wiki/Comet_NEOWISE



20200721_C-2020-F3_FUXT3_0034-01WM.jpg

Link ► Picture	C/2020-F3_20200721
Description	Comet
Constellation	Ursa Major

Picture Data

Work Status	Published	Rating	****
Source Format	Photo	Picture Center R.A.	
Tot./Act. Frames/Pane	24 1	Picture Center DEC	
H / V Panes	1 1	H/V FoV [°]	2,6924 1,7875
Exp. [s] / Frame	30	Above horizon [°]	21,7°
Total Time / Pane [min]	0,50 0,50	View Direction	NW318,3°

Camera Data

FUJIFILM	FU-XT3	FUJXT3	
Camera Angle [°]	0	Pixel Pitch [µm]	3,74
Gain or ISO	800	Camera Temp. °C	14

Observation Site

Observation Start	2020-07-21T23:13:00 UTC+/- +1h	Observation End	2020-07-22T00:14:00
Observation Site	DE Göttingen Eifelweg	Site Elevation /Bortle	140 5
Province	NDS	Site Coordinates	51° 31' 43" N, 9° 54' 14,9"

Sky & Moon

Sky Index Total Clouds	3,5	%	Moon Rise Set	05:50:00 22:20:00
Outside Temp. °C	14		Moon Age [d]	1,3
Moon Phase % Illum.	1st quarter 1,6	%	Moon ►Target Dist.	0

Optical Configuration

BR500XT3	BR500FUXT3		
Lens or Scope	Bresser AR90/500	Focuser	-
Type Of Build	APO Refractor	Focuser Position [mm]	EAF Steps 0
Brand	Bresser	Optical Factor	1
Additional Optics	-	FoL norm actual [mm]	500 500
Filter	-	DawesLimitLink	2,09 Arcsec
Diameter [mm]	90	Optical Scale ["/px]	1,543
Aperture / f-stop	5,56		

Other Hardware & Software

GuideScope	NONE	Mount	Sky-Watcher Star Adventu
GuiderHW	NONE	SessionControl	NONE
GuiderSW	NONE	PostProcessingSW	LrC, PS, PixInsight

More ...

Work Folder	2020\20200721_C-2020-F3_0034_GOE-Eifelweg
Comment	
Remarks	object only 20° above horizon, light haze