

ObservationReport

ObservationID

0035

on

2020-07-18 23:31

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



20200718_C-2020-F3_FUXT3_0035-02WM.jpg

Link ► Picture	C/2020-F3_20200718
Description	Comet
Constellation	Ursa Major

Picture Data

Work Status	Published	Rating	****
Source Format	Photo	Picture Center R.A.	
Tot./Act. Frames/Pane	35	1	
H / V Panes	1	1	
Exp. [s] / Frame	10		
Total Time / Pane [min]	0,17	0,17	
H/V FoV [°]			3,3652 2,2343
Above horizon [°]			17
View Direction			NW330,2°

Camera Data

FUJIFILM	FU-XT3	FUJXT3	
Camera Angle [°]	0	Pixel Pitch [µm]	3,74
Gain or ISO	3200	Camera Temp. °C	14

Observation Site

Observation Start	2020-07-18T23:31:00 UTC+/- +1h	Observation End	2020-07-18T23:52:00
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

FUXT3FU400	FU100-400FUXT3		
Lens or Scope	Fujinon XF 100-400mm	Focuser	-
Type Of Build	Camera Lense	Focuser Position [mm]	EAF Steps 0
Brand	Fujifilm	Optical Factor	1
Additional Optics	-	FoL norm actual [mm]	400 301
Filter	-	DawesLimitLink	2,23 Arcsec
Diameter [mm]	77	Optical Scale ["/px]	1,929
Aperture / f-stop	5,20		

Other Hardware & Software

GuideScope	NONE	Mount	NONE
GuiderHW	NONE	SessionControl	NONE
GuiderSW	NONE	PostProcessingSW	NONE

More ...

Work Folder	2020\20200718_C-2020-F3_0035_GOE-Eifelweg
Comment	
Remarks	Comet C/2020-F3 was only 19° above horizon, light haze