

# ObservationReport

ObservationID

0002

on

2022-03-02 22:28

all measures in mm



<b>Object</b>	<b>NGC2403</b>
Common Name	
Alternate Name (s)	UGC7256
Visual Magnitude	10,72
Distance ► Object	49 Mly
Apparent Size	3.4x1.4'
Object R.A.	12h 16m 11.39s
Object DEC	+33° 04' 31.0"
WikiLink	<a href="https://en.wikipedia.org/wiki/NGC_2403">https://en.wikipedia.org/wiki/NGC_2403</a>



20220302\_NGC2403\_ASI294\_0002-03WM.jpg

Link ► Picture	<a href="#">NGC2403_20220302</a>
Description	Spiral Galaxy
Constellation	Camelopardali

## Picture Data

Work Status	Published	Rating	****	
Source Format	Photo	Picture Center R.A.		
Tot./Act. Frames/Pane	40	31		
H / V Panes	1	1		
Exp. [s] / Frame	180	H/V FoV [°]	0,6739      0,4586	
Total Time / Pane [min]	93,00	93,00	Above horizon [°]	71,8°
			View Direction	NW 328,8°

## Camera Data

	<b>ZWO Optical</b>	<b>ASI294MC-Pro</b>	<b>ZWOASI294</b>
Camera Angle [°]	278	Pixel Pitch [µm]	4,63
Gain or ISO	120	Camera Temp. °C	-10

## Observation Site

Observation Start	2022-03-02T22:28:44 UTC+/- +1h	Observation End	2022-03-03T00:27:38
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	2,8	%	Moon Rise   Set	07:37:00	17:46:00
Outside Temp. °C	0		Moon Age [d]	29,2	
Moon Phase  % Illum.	new	0,1	%	Moon ►Target Dist.	114° 56'

## Optical Configuration

	<b>TS1624AS294c</b>	<b>TS1624ASI294cT235</b>	
Lens or Scope	TSO RC 203/1624	Focuser	2.5" Crayford
Type Of Build	Ritchey-Chretien Reflector	Focuser Position [mm]	0,00    EAF Steps    0
Brand	TS-Optics	Optical Factor	1
Additional Optics	-	FoL norm actual [mm]	1624      1600
Filter	-	<a href="#">DawesLimitLink</a>	<a href="#">1,45 Arcsec</a>
Diameter [mm]	203	Optical Scale ["/px]	0,588
Aperture / f-stop	8,00		

## Other Hardware & Software

GuideScope	Omegon 50/200	Mount	iOptron iEQ45 Pro
GuiderHW	ASiAirPro	SessionControl	ASiAirPro
GuiderSW	NONE	PostProcessingSW	NoiseXTerminator, BlurXTerminator, LrC, PS, PixInsight

## More ...

Work Folder	<a href="#">2022\20220302_NGC2403_0002_GOE-MBR</a>
Comment	
Remarks	It was one of the clearest nights since severals months, but the Seeing Index2 (2) on Meteoblue already indicated problems, resulting in a light blurr ove most parts of the

picture.

During the frame selection process, 31 out of 40 frames could be used for image integration and post/processing.