

# ObservationReport

ObservationID

0009

on

2022-03-09 19:57

all measures in mm



<b>Object</b>	<b>M81</b>
Common Name	Bode's Galaxy
Alternate Name (s)	NGC3031
Visual Magnitude	6,77
Distance ► Object	12 Mly
Apparent Size	21.6x11.2'
Object R.A.	09h 57m 20.72s
Object DEC	+68° 57' 40,7"
WikiLink	<a href="https://en.wikipedia.org/wiki/Messier_81">https://en.wikipedia.org/wiki/Messier_81</a>



20220309\_M81\_ASI294\_0009-08bWM.jpg

Link ► Picture	<a href="#">M81_20220309</a>
Description	Spiral Galaxy
Constellation	Ursa Major

## Picture Data

Work Status	Published	Rating	****
Source Format	Photo	Picture Center R.A.	09h 55m 39.103s
Tot./Act. Frames/Pane	40 33	Picture Center DEC	+69° 03' 46.782"
H / V Panes	1 1	H/V FoV [°]	0,6739 0,4586
Exp. [s] / Frame	180	Above horizon [°]	61,9°
Total Time / Pane [min]	99,00 99,00	View Direction	NE 34,2°
<b>Camera Data</b>	<b>ZWO Optical</b>	<b>ASI294MC-Pro</b>	<b>ZWOASI294</b>
Camera Angle [°]	90,3	Pixel Pitch [µm]	4,63
Gain or ISO	120	Camera Temp. °C	-10

## Observation Site

Observation Start	2022-03-09T19:57:20 UTC+/- +1h	Observation End	2022-03-09T22:50:45
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	4,5	%	Moon Rise   Set	11:05:00 02:16:00
Outside Temp. °C	1		Moon Age [d]	6,7
Moon Phase  % Illum.	1st quarter 43,9	%	Moon ►Target Dist.	64° 32'

## Optical Configuration

<b>TS1624AS294c</b>	<b>TS1624ASI294cT235</b>		
Lens or Scope	TSO RC 203/1624	Finder	2.5" Crayford
Type Of Build	Ritchey-Chretien Reflector	Finder 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	BlurXTerminator, NoiseXTerminator, LrC, PS, PixInsight

## More ...

Work Folder	<a href="#">2022\20220309_M81_0009_GOE-MBR</a>
Comment	
Remarks	No session notes available