

ObservationReport

ObservationID

20

on 2022-03-20 22:53

Object	NGC4236
CommonName	
Alternate	Caldwell 3
Description	Barred spiral galaxy
Constellation	Draco
Visual Magnitude	10,5
Apparent Size	23,5x6,8 arcmin
Distance ► Object	11,7 Mly
RA-Coordinates	12h 16m 42.1s
DEC-Coordinates	+69° 27' 45"
WikiLink	https://en.wikipedia.org/wiki/NGC_4236



20220322_NGC4236_0001_01L.jpg

Work Status	Published
Link ► Picture	NGC4236_20220320
Quality	***
Format:	Photo
Horizontal FoV [°]	0,6739
Vertical FoV [°]	0,4586
View Direction	NE 27,4°
Above horizon [°]	67,3°

Observation Start	2022-03-20T22:53:40	UTC +1h	Observation End	2022-03-20T23:50:38
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Observation Site	Göttingen MBR	Country Code	DE
Province	NDS	Elevation	182
Site Coordinates	51° 34' N, 9° 56' E	Bortle Index	5

Sky Quality	1,09	Outside Temp. °C	7
Seeing Index 1	4	Seeing Index 2	2

Moon Phase	3rd quarter	Moon Age [d]	20,2
Moon Percent %	76	Distance ► Target	99°
MoonRise	22:38:00	MoonSet	08:01:00

Camera	ASI294MC PRO	Gain or ISO	180
Camera Angle	273,72	Camera Temp. °C	-10
Pixel Pitch [µm]	4,63		

Total Exposures	19	Exposure Time [s]	180
ActiveFrames	19	Total Time [min]	57

Optical Config.	Config218CS	FocalLength [mm]	1624
Short Descript.	TSO RC 203/1624	Diameter [mm]	203
Type Of Build	Ritchey-Chretien Reflector	Aperture / f-stop	8,00
Brand	TS-Optics	DawesLimitLink	1,45 Arcsec
Additional Optics	100mm Extender	Optical Scale ["/px]	0,588
Filter	ClearSky		

GuideScope	Microspeed 50/200	Mount	iOptron iEQ45 Pro
PostProcessingSW	PixInsight, Photoshop	GuiderHW	ASiAirPro
GuiderSW	NONE	SessionControl	ASiAirPro

Work Folder [F:\FotosLibrary\ Astro\2022 Astro\NGC4236\20220322-225340](#)

Remarks Poor picture quality due to focusing issues as a result of bad collimation of the telescope The sky was rather bright despite the relatively good seeing index - the final image is therefor only of relatively poor quality.