

ObservationReport

ObservationID

2

on 2022-03-02 22:28

Object NGC4203

CommonName

Alternate UGC7256

Description Spiral Galaxy

Constellation Camelopardali

Visual Magnitude 10,72

Apparent Size 3.4x1.4 arcmin

Distance ► Object 49 Mly

RA-Coordinates 12h 16m 11.39s

DEC-Coordinates +33° 04' 31.0"

WikiLink https://en.wikipedia.org/wiki/NGC_2403

20220302_NGC2403_ZWOASI294_0003_2.jpg

Work Status Published

Link ► Picture [NGC4203_20220302](#)

Quality ****

Format: Photo

Horizontal FoV [°] 0,6739

Vertical FoV [°] 0,4586

View Direction NW 328,8°

Above horizon [°] 71,8°

Observation Start 2022-03-02T22:28:44 UTC +1h **Observation End** 2022-03-03T00:27:38**Observation Site** Göttingen MBR

Province NDS

Site Coordinates 51° 34' N, 9° 56' E

Country Code DE

Elevation 182

Bortle Index 5

Sky Quality 1,63

Seeing Index 1 4

Outside Temp. °C 0

Seeing Index 2 2

Moon Phase new

Moon Percent % 0,1

MoonRise 07:37:00

Moon Age [d] 29,2

Distance ► Target 114° 56'

MoonSet 17:46:00

Camera ASI294MC PRO

Camera Angle

Pixel Pitch [µm] 4,63

Gain or ISO 120

Camera Temp. °C -10

Total Exposures 40

ActiveFrames 31

Exposure Time [s] 180

Total Time [min] 93

Optical Config. Config218N

Short Descript. TSO RC 203/1624

Type Of Build Ritchey-Chretien Reflector

Brand TS-Optics

Additional Optics 100mm Extender

Filter NONE

FocalLength [mm] 1624

Diameter [mm] 203

Aperture / f-stop 8,00

[DawesLimitLink](#) [1,45 Arcsec](#)

Optical Scale ["/px] 0,588

GuideScope Microspeed 50/200

PostProcessingSW PixInsight, Photohop

GuiderSW NONE

Mount iOptron iEQ45 Pro

GuiderHW ASiAirPro

SessionControl ASiAirPro

Work Folder [F:\FotosLibrary\ Astro\2022 Astro\NGC2403\20220302-222844](#)

Remarks

It was one of the clearest nights since several 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.