

ObservationReport

ObservationID

11

on 2022-03-02 21:12

Object M35
CommonName
Alternate NGC2168
Description Open Starcluster
Constellation Gemini
Visual Magnitude 5,09
Apparent Size 40.0 arcmin
Distance ► Object 3000 ly
RA-Coordinates 06h 10m 14.69s
DEC-Coordinates +24° 19' 47.4"
WikiLink https://en.wikipedia.org/wiki/Messier_35



20220302_M35_ZWOASI294_0001-1.jpg

Work Status Published
Link ► Picture [M35_20220302](#)
Quality ****
Format: Photo
Horizontal FoV [°] 0,6739
Vertical FoV [°] 0,4586
View Direction SW 230,7°
Above horizon [°] 52,9°

Observation Start 2022-03-02T21:12:09 UTC +1h Observation End 2022-03-02T22:09:07

Observation Site Göttingen MBR Country Code DE
Province NDS Elevation 182
Site Coordinates 51° 34' N, 9° 56' E Bortle Index 5

Sky Quality 1,63 Outside Temp. °C 0
Seeing Index 1 4 Seeing Index 2 2

Moon Phase new Moon Age [d] 29,2
Moon Percent % 0,1 Distance ► Target 108°
MoonRise 07:37:00 MoonSet 17:46:00

Camera ASI294MC PRO Gain or ISO 120
Camera Angle 81,94 Camera Temp. °C -10
Pixel Pitch [µm] 4,63

Total Exposures 20 Exposure Time [s] 180
ActiveFrames 14 Total Time [min] 42

Optical Config. Config218N 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 NONE

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

Work Folder [F:\FotosLibrary\Astro\2022 Astro\M35\20220302-211209](#)

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, 14 out of 20 frames have been used for integration.