

ObservationReport

ObservationID

19

on 2022-03-22 23:56

Object M3
 CommonName
 Alternate NGC5272
 Description Globular Cluster
 Constellation Canes Venatici
 Visual Magnitude 6,19
 Apparent Size 18 arcmin
 Distance ► Object 33 kly
 RA-Coordinates 13h 42m 11.62s
 DEC-Coordinates 28° 22' 38.2"
 WikiLink https://en.wikipedia.org/wiki/Messier_3



20220322_M3_0001_01.jpg

Work Status Published
 Link ► Picture [M3_20220322](#)
 Quality ***
 Format: Photo
 Horizontal FoV [°] 0,6739
 Vertical FoV [°] 0,4586
 View Direction E78,7°
 Above horizon [°] 58,7°

Observation Start 2022-03-22T23:56:07 UTC +1h Observation End 2022-03-23T01:05:33

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 60°
 MoonRise 22:38:00 MoonSet 08:01:00

Camera ASI294MC PRO Gain or ISO 120
 Camera Angle 273,79 Camera Temp. °C -10
 Pixel Pitch [µm] 4,63

Total Exposures 20 Exposure Time [s] 180
 ActiveFrames 18 Total Time [min] 54

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 SessionControl ASiAirPro

Work Folder [F:\FotosLibrary\ Astro\2022 Astro\M3\20220322-235607](#)

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.