



M 16 – Eagle Nebula

Date/time:

24.07.2009 22:34 to 25.07.2009 02:07

25.07.2009 22:05 to 25.07.2009 23:10

Az./Alt. positions:

170° / 22° to 220° / 12°

164° / 21° to 180° / 22°

Ambient conditions: 22°C to 25°C, transparency 5/5, seeing 5/5

Location: Monte Amiata, Agriturismo Poggiobello, Italy

Equipment:

Optics: TMB 92 SS f/5.5 with TSFlat 2

Mount: CGE

Guiding: selfguiding with ST-4000XCM

Camera: SBIG ST-4000XCM

Filter: No

Acquisition:

Software: CCDSoft V5

FOV, Image scale: 100.9 x 100.9 arcmin, 3,01 arcs/pixel

Sub-exposures: 3h 50min (17 x 10min at -10°C + 6 x 10min at -15°C),

50 x 10min dark frames at -10°C and -15°C,

30 x 0.02s EL flats at -10°C

50 bias at -10°C for flats calibration

Processing:

Images Plus 3.75: Calibration, stacking and DDP

CS3: Curves, Carboni's Actions, GradientXterminator

Pixinsight LE 1.0: Green cast elimination

Comments:

I had big difficulties to stretch the fainter red areas without damaging the image. This result is the maximum I could obtain with my present processing knowledge.

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