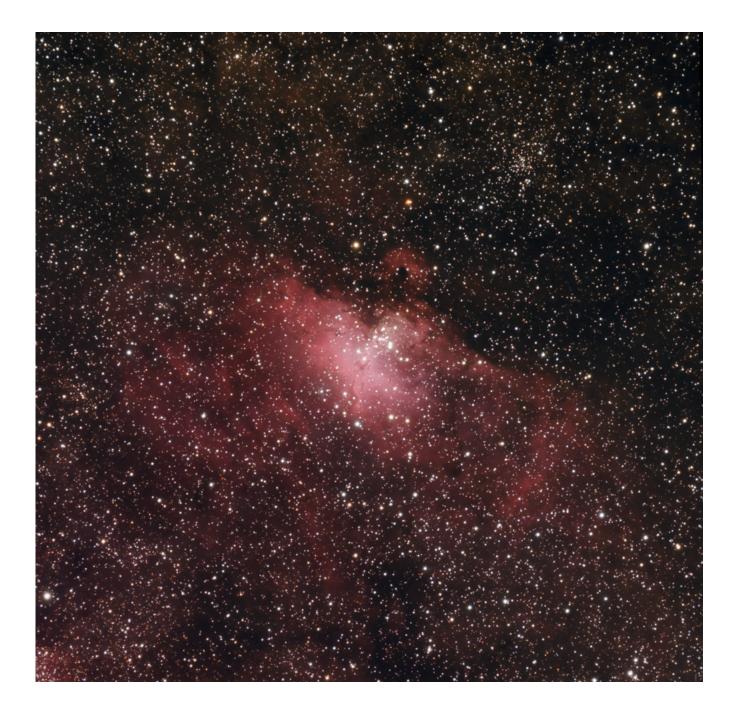
M16_2009-07-25



MI 16 –I 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°

M16_2009-07-25

Written by Admilson Pinto Thursday, 29 January 2009 00:00 - Last Updated Tuesday, 25 August 2009 10:45

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.

{downloader mode="level" level="public" file="nebulae/m16_2009-07-25_full.jpg"}