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IC 1396 – Elephant's Trunk Nebula

Date:

05.06.2013 to 13.08.2013

Ambient conditions:

10°C, transparency 4/5, seeing 4/5

Location: Trier, Germany

Equipment:

Optics: Deltafraph 300mm f/3.3

Mount: GM2000QCI

Guiding: SXVF-H9C on Nikon lens 300mm for Ha, otherwise no guiding

Camera: SXVF-H36

Filters: Baader Ha 7nm, OIII 8.5nm, SII 8nm

Acquisition:

Software: Maxim DL 5

FOV, Image scale: 126 x 84 arcmin, 1.54 arcs/pixel

Sub-exposures: Ha 1x1 (24x10min), OIII 1x1 (20x10min), SII 1x1 (19x10min), SII 2x2 (18x10min) = 13.5 hours

Calibration: Bias and flats

Processing:

CCDStack, Maxim DL, Images Plus, CS5

Comments:

This is my first image in Hubble Palette. More exposure would be needed for SII and OIII, but I'm quite satisfied with the result.

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