



NGC 7635 – The Bubble Nebula

Date/time: 18.07.2010 00:30 to 18.07.2010 02:00

Az./Alt. positions: 44° / 50° to 46° / 61°

Ambient conditions: 15°C, transparency 5/5, seeing 5/5

Location: Aach, Germany

Equipment:

Optics: Deltagraph 300mm f/3.3

Mount: CGE

Guiding scope and camera: Orion 80mm f/5 with Atik 16IC

Camera: SXVF-M25C

Filter: IDAS LPS

Acquisition:

Software: MaximDL 5

FOV, Image scale: 54.5 x 82.0 arcmin, 1.62 arcs/pixel

Sub-exposures: 1h 40min (20 x 5min) lights with dithering

No dark frames

20 x 0.02s EL flats

Processing:

MaximDL 5: Calibration and Sigma stacking

Images Plus 3.75: Digital development

CS3: Curves and levels adjustments, Surface blur, GradientXterminator

Comments:

This is the last test image with the Deltagraph before my next astro holidays in Italy. Colimation is not yet perfect. Flats with EL sheet worked fine. Anyhow light pollution gradients had to be treated with GXT.

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