



NGC 7635 – The Bubble Nebula

Date/time:

28.07.2009 22:40 to 29.07.2009 01:10

Az./Alt. positions:

39° / 40° to 41° / 58°

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

Location: Monte Amiata, Agriturismo Poggiobello, Italy

Equipment:

Optics: TMB 130 SS f/7 with TSFlat 2

Mount: CGE

Guiding: selfguiding with ST-4000XCM

Camera: SBIG ST-4000XCM

Filter: No

Acquisition:

Software: CCDSoft V5

FOV, Image scale: 57.2 x 57.2 arcmin, 1.68 arcs/pixel

Sub-exposures: 1h 40min (10 x 15min) lights at -15°C,

50 x 10min dark frames,

30 x 0.05s EL flats at -10°C

50 bias at -10°C for flats calibration

Processing:

Fully processed in CS3: Curves and levels adjustments, Match color, noise reduction with Carbonis Actions.

Comments:

More exposures necessary for a better SNR.