



**NGC 6618 - Swan Nebula**

Date/time:

11.08.2010 23:05 to 12.08.2010 00:55

Az./Alt. positions: 193° / 29° to 220° / 20°

Ambient conditions: 20°C, transparency 5/5, seeing 5/5

Location: Villa Tatti, Tuscany, Italy

**Equipment:**

Telescope: Deltagraph 300mm f/3.3

Mount: CGE

Camera: SXVF-M25C

Guiding scope: Orion short tube 80mm f/5

Guiding camera: ATIK 16IC

Filters: IDAS LPS

**Acquisition:**

Software: Maxim DL 5

FOV, Image scale: 62.5 x 54.8 arcmin, 1.62 arcs/pixel

Sub-exposures: 51 min (17 x 3 min) light frames

No darks, 100 bias, 50x0.2s flats

**Processing:**

Images Plus 3.75: Calibration of light frames with bias and flats, Deconvolution

Maxim DL: Stacking of calibrated frames with SDMask, color balance R85:G100:B120

CS3: Stretching with Curves and Levels, noise reduction with Carbonis Actions

**Comments:**

Even if this night was exceptionally good, M17 was immersed in the humid and light polluted south area. I had problems with tracking, clearly visible in the final image.

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