



**NGC 6992 – Veil Nebula**

Date:

27.09.2011 and 03.10.2011

Ambient conditions: 10°C, transparency 5/5, seeing 4/5

Location: Trier, Germany

**Equipment:**

Optics: Deltagraph f/3.3

Mount: GM2000QCI

Guiding: TMB 92 SS and Atik16CS

Camera: SXVF - M25C

Filter: IDAS LPS

**Acquisition:**

Software: MaximDL5

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

Sub-exposures: 5h 25min (29 x 10min),

Calibration frames: 50x10s EL-Flats and Masterbias

**Processing:**

MaximDL 5: Calibration, SDMask stacking, split L R G B channels

CS5: Curves and levels adjustments on single channels, merge of LRGB image, noise reduction with Carbonis Actions

**Comments:**

The processing technique with the synthetical luminance permitted much better control of background noise and color.

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