



**Mosaic NGC7822 / CED 214**

Date: 21.10.2011 to 26.10.2011

Ambient conditions: -1 °C, transparency 4/5, seeing 4/5,

Location: Trier, Germany

**Equipment:**

Telescope: TMB 92 SS f/5.5 with TSFlat2.5

Mount: GM2000QCI

Guiding: Orion Short Tube 80mm with ATIK 16 IC-S

Camera: SXVF-M25C

Filter: IDAS LPS

**Acquisition:**

Software: MaximDL 5

FOV, Image scale: 107.5 x 159.6 arcmin, 3.18 arcs/pixel

Sub-exposures: 5h 50m (35 x 10min) + 4h 30m (27 x 10min) + 5h 15m (31 x 10min) lights

Calibration frames: 50 x 20s EL flats. Masterbias

### **Processing:**

MaximDL 5: Calibration, SDMask stacking

CS5: Mosaic construction, Curves and levels adjustments, GradientXterminator

### **Comments:**

This picture is a horizontal mosaic of three shots. The weather during acquisition of the left part of the mosaic was quite bad, so the quality is poorer than the other two parts. In general the picture is a bit noisy and more signal would have been necessary. This is my first experience with mosaics.

{downloader mode="level" level="public" file="nebulae/mosaic\_ngc7822\_2011-10-23\_full.jpg"}