



M 1 – Crab Nebula

Date/time:

26.09.2009 02:00 to 06:15

28.09.2009 04:10 to 06:05

Az./Alt. positions:

88° / 28° to 164° / 61°

119° / 49° to 163° / 61°

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

Location: Trier, Germany

Equipment:

Optics: TMB 130 SS f/7 with TSFlat 2

Mount: CGE

Guiding: selfguiding with ST-4000XCM

Camera: SBIG ST-4000XCM

Filter: IDAS LPS

Acquisition:

Software: Maxim DL 5

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

Sub-exposures: 5h 10min (19 x 10min + 8 x 15min) lights at -25°C with dithering,

100 x 10min + 100 x 15min @ -25°C dark frames,

40 x 0.1s + 40 x 0.2s EL flats,

100 bias for flats calibration

Processing:

Images plus 3.75: Calibration, Exc Avg stacking, DDP, Deconvolution

CS3: Curves and levels adjustments, Match color,

Carbonis Actions, GradientXterminator,

Noiseware Professional

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