



NGC 2264 – The Cone Nebula

Date/time: 18.02.2009 20:04 to 18.02.2009 23:55

Az./Alt. positions: 152° / 47° to 232° / 38°

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

Location: Trier, Germany

NGC 2264_2009-02-18

Written by Admilson Pinto

Thursday, 29 January 2009 00:00 - Last Updated Thursday, 05 March 2009 11:57

Equipment:

Telescope: TMB 92 SS f/5.5 with TSFlat, without dew heater

Mount: CGE, selfguided with ST-4000XCM

Camera: SBIG ST-4000XCM

Acquisition:

Software: CCDSoft V5

FOV, Image scale: 102.8 x 102.8 arcmin, 3.01 arcs/pixel

Sub-exposures: 3h (18 x 10min) light frames at -35°C , 45 x 10min dark frames

30 x 1s EL flats at -35°C , 50 bias at -35°C for flats calibration

Processing:

Calibration, stacking, DDP and hot pixel reduction in Images Plus 3.75,
curves and levels adjustments in CS3, noise reduction with Carbonis Actions,
green cast elimination in Pixinsight LE 1.0.

{downloader mode="level" level="public" file="nebulae/ngc2264_2009-02-18_full.jpg"}