



M 57 - Ring Nebula

Date/time:

11.08.2010 01:45 to 11.08.2010 03:40

Az./Alt. positions: 268° / 55° to 285° / 34°

Ambient conditions: 20°C, humid partially cloudy sky, transparency 3/5, seeing 3/5

Location: Villa Tatti, Tuscany, Italy

M57_2010-08-10

Written by Admilson Pinto

Thursday, 29 January 2009 00:00 - Last Updated Tuesday, 31 August 2010 14:17

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: 18 min (9 x 2 min) light frames

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

Processing:

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

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

CS3: Levels, noise reduction with Carbonis Actions

Comments:

Very bad weather. Only 9 frames were useable. Anyhow, M57 is too small for this image scale.

{downloader mode="level" level="public" file="nebulae/m57_2010-08-10_full.jpg"}