



**M 13 – Great Hercules Globular Cluster**

Date/time:

24.05.2009 11:55 to 25.05.2009 02:00

26.05.2009 00:25 to 26.05.2009 01:45

Ambient conditions: 10°C, transparency 5/5, seeing 4/5,  
on first night high clouds.

Location: Trier, Germany

**Equipment:**

Telescope: TMB 130 SS f/7 with TSFlat 2"

Mount: CGE

Guiding: selfguiding with ST-4000XCM

Camera: SBIG ST-4000XCM

Filters: IDAS LPS

**Acquisition:**

Software: CCDSoft V5

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

Sub-exposures: 3h 45min (15 x 15min) lights at -15°C,

40 x 15min darks, 55 x 1s flats calibrated with 50 bias @-15°C

**Processing:**

Entirely processed in Images Plus 3.8 Beta 2: Calibration and Stacking (Median combine) of 12 frames,

DDP (Background weight 0.65), Background/Highlight Smoothing with Max Luminance set on the area of most noise,

Saturation and Brightness level adjustments.

**Comments:**

A minimum of processing steps were done. No color adjustments done, since the processing was carried out in a non-calibrated laptop monitor.

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