



M57 - The Ring Nebula

4/09/2003

Toledo, Ohio

Conditions: residential, slight light pollution, no wind, moderate turbulence, first quarter moon, light frost, mid 30's

Meade LX-90 8 inch sct:
Polar alignment mode

StellaCam-EX:
2X Zoom
128X sense-up, gain at 9 out of 9

Capture off video tape onto HP ze5185 notebook as 110 image sequence @ 1 per second using Video Capture Essentials with brightness at 30%, contrast at 80% and no interleaving.

"Processing 3"

AstroArt 2.0 Processing:

Average of 107 images using automatic selection
Unsharp mask: 1.7 and 4.1 adaptive
Gaussian convolution with sigma = 2 and level = 25 (to smooth background)
Transfer function linear
Median 3x3 filter at 100%
View range set from 17 to 55
Low pass FFT of strength 2
Crop and resize to 200%

Paintshop Pro 7.0 Processing:

Moire removal: 3 fine and 0 bands
Clarify 5

Microsoft Word Processing:

Brightness 55%, Contrast 55%

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