



## M42 - The Orion Nebula

3/30/2003

Toledo, Ohio

Conditions: residential, mild light pollution, no wind, mild turbulence, no moon, no dew, upper 20's

Meade LX-90, 8 inch sct:

Polar alignment mode

3.3 focal reducer

StellaCam-EX:

All parameters set on max sensitivity, 128X, AGC 9

Capture off video tape on HP ze5185 notebook as two 59 image sequences @ 1 per second

"Processing 2"

AstroArt 2.0 Processing:

Average of all 118 images using manual alignment

Paintshop Pro 7.0 Processing:

Histogram: 0 min / 232 max / 0 low / 255 high / gamma 1.65 / midtones -19

Unsharp Mask: Radius 24.05 / Strength 20 / clipping 5

Jpeg artifact removal on maximum strength / 50% crispness

Histogram: 0min / 232 max / 0 low / 255 high / gamma 1.15 / midtones -20

Photo Editor Processing:

Smudge out 4 hot pixels

Crop

Despeck small 1

Soften 10

AstroArt 2.0 Processing:

Flatfield correction using "Chris" method but subtracting flatfield from original

Microsoft Word Processing: Brightness 55%, Contrast 55%

Larry Low – Astrophotomist

5/2/2003