



## Mars

8/19/2003

3161 Winston, Toledo, Ohio

Conditions: residential, slight haze, mid 60's, no wind, very low turbulence, slight dew, moon last quarter

Telescope: Meade LX-90 8 inch SCT in Polar alignment mode

Accessories: 2X Barlow, red filter (#25A) and orange filter (#21)

Camera: StellaCam-EX:

2X Zoom

Speed 1/1500 sec

Capture off video tape onto HP ze5185 notebook using Video Capture Essentials with no interleaving as 357 image sequence @ 1 frame per second with brightness at 50% and contrast at 100%:

Make "Mars\_081903\_18\_RF\_OF\_avg200aregx\_proc2"

Registax Processing:

Average 200 images – auto alignment and stacking – quality 80%, diff 100%

Did some Wavelet processing but it was not recorded.

AstroArt 2.0 Processing:

Deconvolution using Gaussian PSF with sigma = 2, 20 iterations no cut sky

Unsharp mask 4,2,non-adaptive

Histogram 0-65534, exp 9 clicks from linear

Gauss smooth with sigma = 1.2

Microsoft Word Processing: Brightness 47%, Contrast 56%

Larry Low – Astrophotonomist

3/29/2004