



Raw Data

Jupiter

12/27/2003 (am)

Location: 3161 Winston, Toledo, Ohio (Outside back door)

Conditions: residential, mid 20's, no wind, atmospheric stability 9/10, frost, moon set, variable light haze.

Telescope: Meade LX-90 8 inch SCT in polar alignment mode:
UV filter on back, 2X Barlow

Camera: Meade Lunar-Planetary Imager (LPI):
Edge enhancement, hard during acquisition.

Image:

Shutter: 0.250 sec // Gain: 0 // Offset: 28 // Histogram 0-109, set 0-207, 194.

Used tracking of images and auto combination with min quality 99% and 10 eval. images.

Set of 1002 images (in 489 secs) = (Jupiter10)

Capture direct to USB port on HP ze5185 notebook using Meade Autostar Suite.

Make "Jupiter10_122703_LPI_avg1002img_Hedgenh_proc2":

AstroArt V3.01:

Rotate -44 degrees // Crop // Resize 200%

Unsharp mask 3, 6, unadaptive

Histogram: R=-48:161 B=0 V=01907 exp 10 clicks from linear

Gauss smooth sigma = 1.0

Unsharp mask 1.5, 3, unadaptive

Gauss smooth sigma = 1.0

Col. Sat. 55% from 50%

Data floating point

Resize 200%

Photoshop 6: Motion blur: 0 degrees, 10 pixels

Microsoft Word:

Brightness 53%, Contrast 47%

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