



Saturn With Titan

2/12/2005

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

Conditions: residential, mid 30's, no wind, slight turbulence, sky clear.

Telescope: Meade LX-90 8 inch SCT in polar alignment mode: Protective image back UV filter, right angle prism

Camera: Canon Digital Rebel Camera:

At prime focus of SCT with 2x Barlow

Capture to USB port on HP ze5185 notebook using ZoomBrowser EX in "Remote Shooting" mode and manual remote trigger.

Original Frame number 42 (3072x2048)

Single Exposure: 1 second at ISO 800

White balance auto, con +1, shrp +1, col sat +1, col tone normal

Make "SaturnTitan011205CDR042prc1prc2prc3prc4cp4x6":

PhotoShop Elements V3.0:

Prc1 = Unsharp mask 300-6, Titan unsharp mask 500-10, ReduceNoise76100, Titan ReduceNoise100100

AstroArt V3.0:

Prc2 = Resize 50%, deconvolute 20 iters using Titan as point spread function

Prc3 = Gauss smooth 1.5; histogram R 0-259, Bk 3, V 0-234 exp20

PhotoShop Elements V3.0:

Prc4 = Median 2 Auto Levels, Auto Smart Fix times 4

Paint Shop Photo Album V5.0:

Crop to 4 X 6 ratio

Microsoft Word: Brt=53%, Con=53%

Larry Low – Astrophotunist
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