



Crescent Venus

4/23/2004

Location: 3161 Winston, Toledo, Ohio

Conditions: Residential, 50's, no wind, atmospheric stability 3/10, transp 5/10, no dew, Venus low (9:57pm).

Telescope: Meade LX-90 8 inch SCT in polar alignment mode:
Shorty 2X barlow lens and ZIS focuser.

Camera: Meade Lunar-Planetary Imager (LPI) – use hard edge enhance:

Shutter 0.004 sec//Gain 0//Offset 55 // Histogram set 15-255, minQ 50-65%, eval 15, 124 img in 457 sec.

Capture direct to USB port on HP ze5185 notebook using Meade Autostar Suite in “acquire” mode.

Make “Venus4_042304_LPI_avg124_hedgenh_proc2”

AstroArt 3.1:

Crop // Set floating point data // resize 200% with gauss interpolation

Gauss smooth sigma = 2 // Unmask 2,4,unadaptive // offset -3

Clip 0 min // color sat. 30% for atmos prism effect.

MS Word: Brightness 53%, Contrast 48%

Larry Low – Astrophotunist

5/2/2004