



Raw Data Single Frame

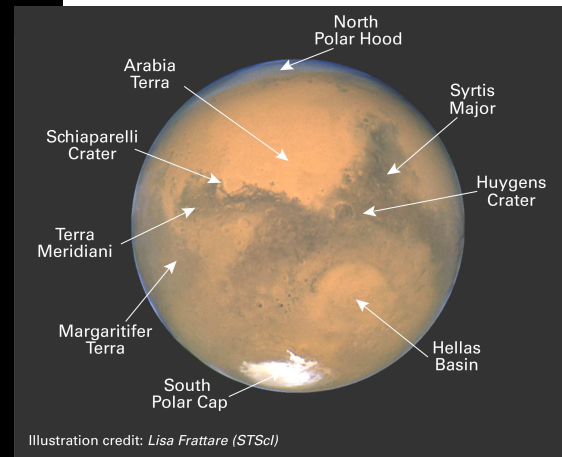


Illustration credit: Lisa Frattare (STScI)

Mars

Hubble Space Telescope on 8/26/03

10/12/2003

3161 Winston, Toledo, Ohio

Conditions: residential, very clear, mid 50's, no wind, atmospheric stability 6/10, no dew, moon just past full, no bugs!

Telescope: Meade LX-90 8 inch sct in polar-alignment mode:

UV filter on back, 2X Barlow

Camera: ToUcam Pro Webcam:

Shutter: 1/33 sec // Gain: 0 // Brt: 40 // Cont: 50 // Gam: 35 // Sat: 100 // Wht Bal: 50R/50B // Res: High (640x480)

Capture direct to USB port on HP ze5185 notebook using Phillips Spotlife at 5fps for 60 secs giving 294 images.

Make "Mars_101203_ToUcam_Video10_bstof293_avg85aregx_flphorrt180cprz300um4004NIY50um704lv0246g65NIY25":

Registax 2.1.13.0 Processing:

Used registax to align and average visually best 85 frames with stack qual 80%

PhotoShop Elements 3:

Flip horizontal, rotate 180 degrees

Resize 300%

Unsharp mask 400, 4

Neat image standard except Y=50%

Unsharp mask 70, 4

Level 0-246, gamma 65

Neat image standard except Y=25%

Larry Low – Astrophotunist

5/28/2005