

Campus Observatory H α Images of the Last Quarter Moon

By F. Ringwald and Scott Endler

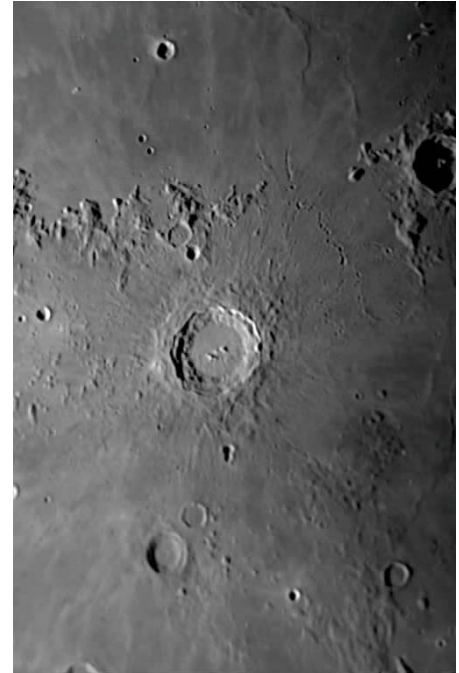
All these images were taken by F. Ringwald with Fresno State Campus Observatory's 16-inch Meade LX200 telescope on 2003 October 17, at Last Quarter. An ST-7 CCD camera was used at f/10 with a 4.5-nm Custom Scientific H-alpha filter. The images were processed by Scott Endler. All are composites of sets of 0.11-s exposures, selected for high resolution and median-combined, and then unsharp-masked to bring out more detail. All images have the same scale, with N up and W left.



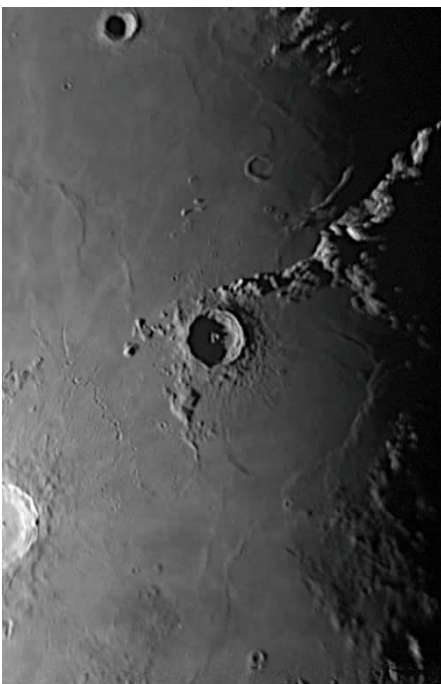
A rare look at Mare Orientale, the "Eastern Sea," with 25,000-ft mountains



The Southern Highlands, including the crater Tycho



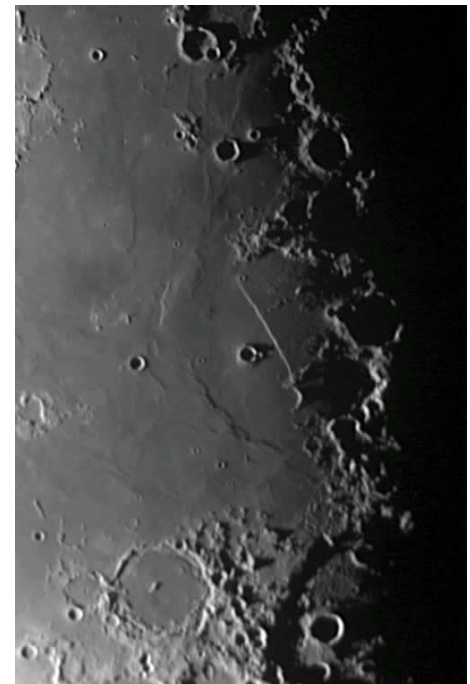
Copernicus crater, "Monarch of the Moon," 60 miles wide



Eratosthenes crater, at the south end of the Apennine mountains



Clavius crater, near the South Pole, site of the base in the movie 2001



The Straight Wall, a scarp (or cliff) in sunlight