



# Layers in a Crater Wall

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This image is of the rim of a crater. The sun is low in the sky (only 15 degrees above the horizon) and shining full on this crater wall (you can see that the area beyond the rim has got long shadows). The sun is beautifully illuminating a series of layers exposed in the crater wall which have a variety of different colors.

*The HIRISE camera onboard the Mars Reconnaissance Orbiter is the most powerful one of its kind ever sent to another planet. Its high resolution allows us to see Mars like never before, and helps other missions choose a safe spot to land for future exploration. Thousands of images are available online at: [uahirise.org](http://uahirise.org).*