



Ancient Layers on Mars

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This image shows the details of layers that were identified in previous lower resolution images. The terrain is along the boundary between the ancient highlands and the younger lowlands of Mars. There are many erosional channels in this area, some of which expose layers. These geologic layers should be like pages in a book, telling us the story of how this part of Mars formed.

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.