



Rough Surfaces in Deuteronilus Mensae

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The objective of this observation is to examine what may be formerly ice-rich terrain that has just lost ice to the atmosphere. Research with the Shallow Radar instrument onboard the Mars Reconnaissance Orbiter has found that many areas in Deuteronilus Mensae are glaciers with a thin layer of debris on top of them. This image may show a transition from ice-rich to ice-poor terrain.

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.