



Enigmatic Pits and Rises in Noctis Labyrinthus

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All these features are indicative of the crust of Mars having been pulled apart, exposing the deep interior of the planet. The depressions are also places where sediments of all sorts would tend to accumulate. When we see strange features on the floor of one of these depressions, it is not immediately clear if it is because of something from deep down being exposed or something relatively young having been deposited here.

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.