

Layered Sediments in Danielson Crater ESP_026349_1885



This crater is named for G. Edward Danielson, Jr. (1939–2005), who was instrumental in the development of a series of Mars cameras, from Mariner 4 launched in 1964 to the Mars Global Surveyor launched in 1996. These layered sediments are of great interest because they are very regular in thicknesses, suggesting some sort of periodic process such as climate change associated with Mars orbital variations.

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: <u>uahirise.org</u>.

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