

## A Streamlined Island in Athabasca Valles

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This image completes a mosaic of images covering a collection of streamlined islands in Athabasca Valles. Streamlined islands form by a rapid erosive flow (catastrophic flooding) around an obstacle such as a resistant rock outcrop or surface armored by impact ejecta. Examination of the margins of the islands can show evidence of terraces as in this image. Each terrace may indicate a different flow event or flood level, and can be used to reconstruct the history of flood events.

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.