



# A Channel Emanating from a Crater

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The origins of channels on Mars is of great interest to understand the history of water. There are several large (more than 30 kilometers wide) craters on Mars that appear to have spawned channels, perhaps draining from the fresh, hot impact ejecta. Most likely the channel was there first, and the crater is younger. However, the channel might have been generated by a larger crater to the northwest.

*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](http://uahirise.org).*