



# Hints of an Ancient Shoreline in Southern Isidis Planitia

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HIGH RESOLUTION IMAGING  
SCIENCE EXPERIMENT  
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This area—known as the Deuteronilus contact of the Isidis Basin—has been interpreted as a possible ancient shoreline. There are also suggestions that this contact is of volcanic origin. One direct benefit of a high resolution image is the ability to monitor the detailed morphology of the contact to help to determine whether this formation is the result of an ocean or of a volcanic filling of the Isidis Basin.