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Water on Mars

Harry Y. McSween Jr., Guest Editor



Geomorphological Evidence for Water on Mars Victor R. Baker infrared images shows the densely dissected region of Warrego Valles, Mars, located near 43° S, 266° E. The dissection was likely caused by some form of water erosion, possibly due to surface runoff during a period of warmer climate or to subsurface runoff associated with the melting of a layer of snow or ice. This image covers an area of ~120 × 160 km at a resolution of 100 m per pixel. IMAGE CREDIT NASA/JPL/ARIZONA STATE UNIVERSITY



The Orbital Search for Altered Materials on Mars Michael B. Wyatt and Harry Y. McSween Jr.



Water at the Poles and in Permafrost Regions of Mars Philip R. Christensen



Aqueous Processes Recorded by Martian Meteorites: Analyzing Martian Water on Earth





Evidence for Water at Meridiani Bradley L. Jolliff, Scott M. McLennan, and the Athena Science Team



Water on Mars and the Prospect of Martian Life Andrew H. Knoll and John Grotzinger

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