



Seeing through the Dusty Air

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HiRISE
HIGH RESOLUTION IMAGING
SCIENCE EXPERIMENT
UAHIRISE.ORG



LPL
Lunar & Planetary Laboratory

Mars has been enveloped in dusty haze, but the sensitivity of HiRISE enables imaging of surface features through a moderate level of haze. This image shows a fresh impact crater in the northern middle latitudes. A technique called “pixel binning” was needed to improve the signal, but it is still the highest-resolution image ever acquired at this location. (NASA/JPL/University of Arizona. 300 km above the surface, less than 5 km across.)