

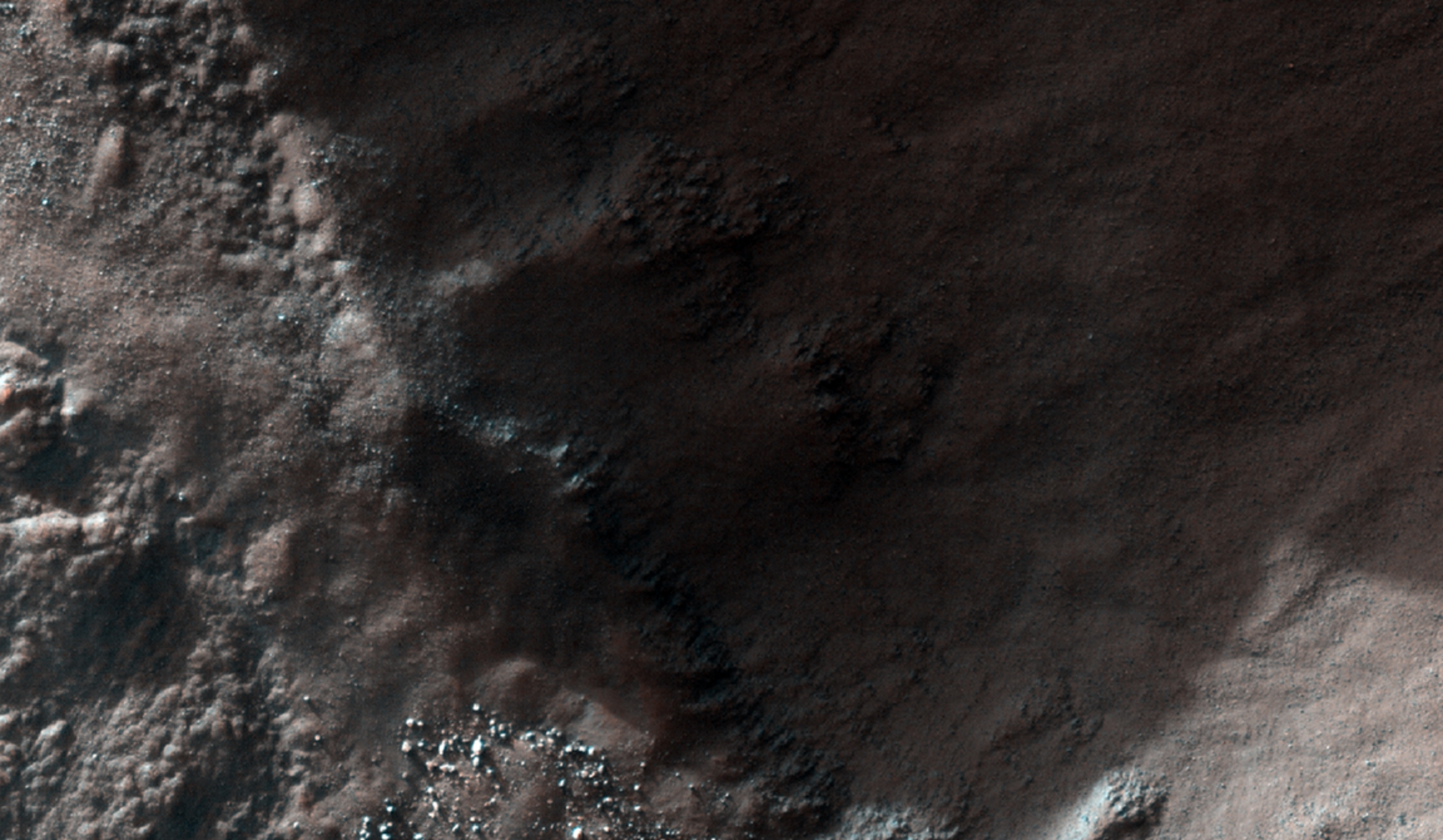


HIGH RESOLUTION IMAGING
SCIENCE EXPERIMENT

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Lunar and Planetary Laboratory



Imaging in Deep Shadows

uahirise.org/ESP_025680_1350

This image of an impact crater in Terra Cimmeria was acquired when the sun was just 11 degrees above the horizon, so a long shadow extends over most of the crater interior. However, there is still diffuse illumination from the sky and HiRISE has the ability to acquire sufficient signal over faint targets to make useful images.