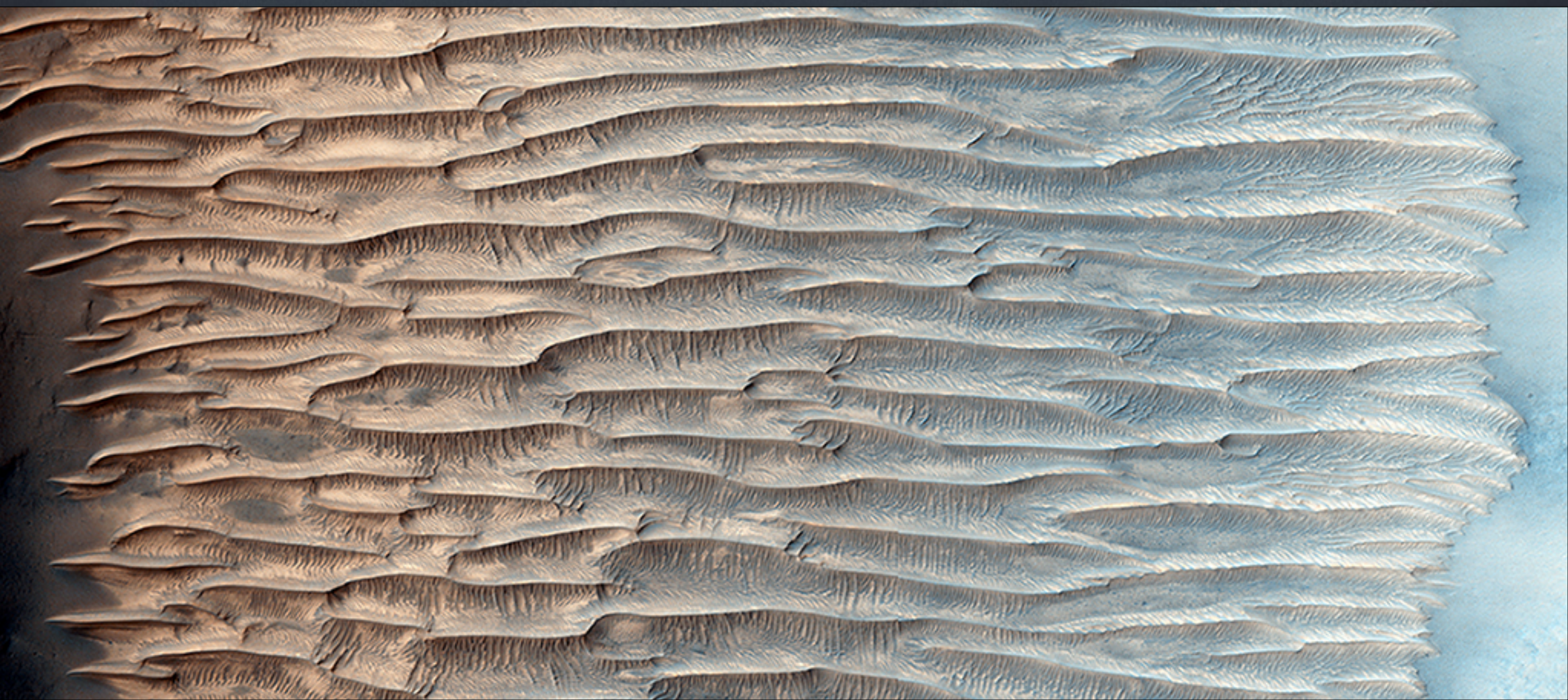


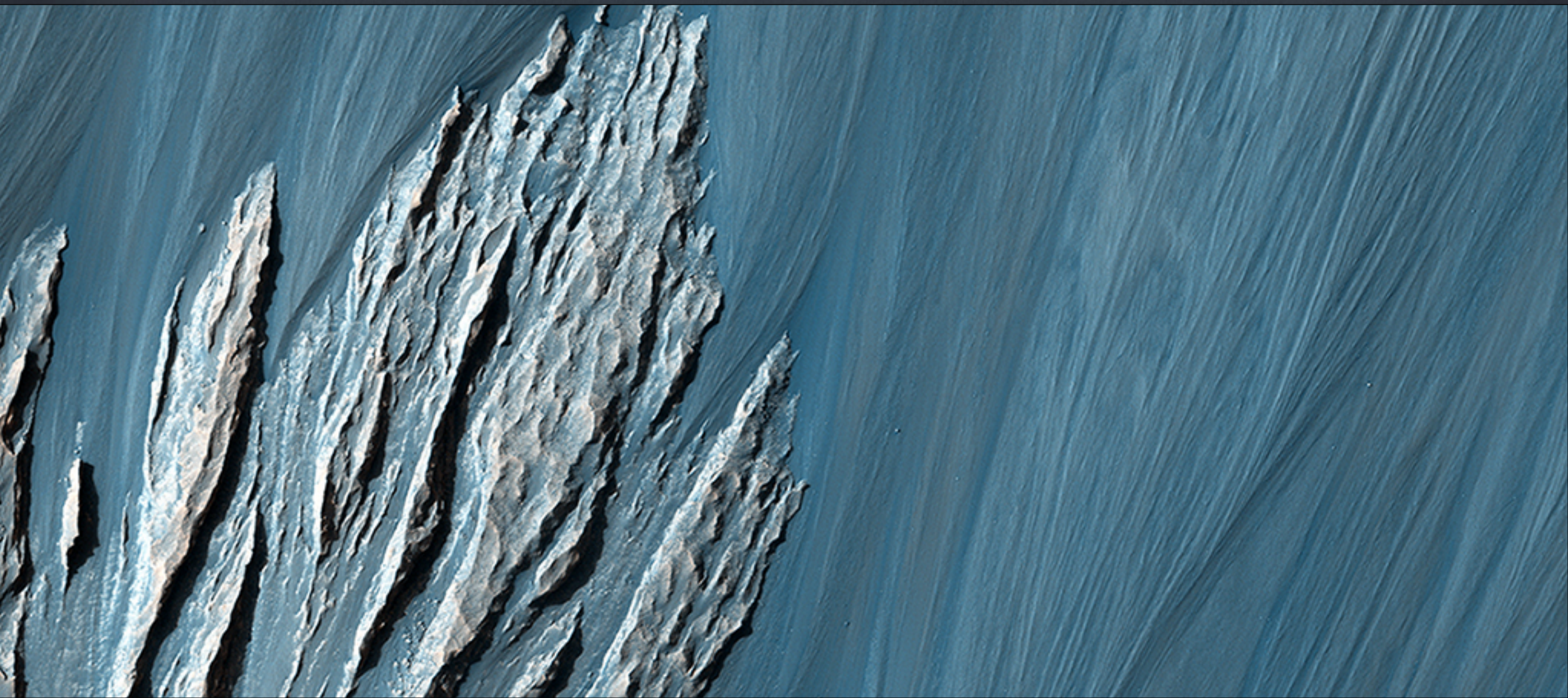
A Giant Cave on a Giant Volcano

From this digital terrain model, we can measure how much material drained out of the conical pit and so estimate how tall the debris pile is. These estimates are enormous: the debris pile itself is at least 62 meters (203 feet) tall.



Feathery Ridges

This HiRISE image shows a valley filled with an assortment of linear ridges. These ridges are often referred to as transverse aeolian ridges, or TAR, and they take a variety of forms. Here they sit at right angles to the direction of the valley, because the topography funnels the wind along the trough.



A Revealing Landslide in Hebes Chasma

Exposures of layered rock like these are helpful in determining the types of geologic processes that have occurred at an area over time, and the landslide and fan deposits tell of how the region is being eroded more recently, including today.



An Impact Crater in Isidis Planitia

This location is also the site of an early candidate for location of the Beagle 2 lander based on an image from the Mars Global Surveyor. HiRISE has acquired 24 other images covering most of the expected Beagle-2 landing ellipse, but no clear evidence for Beagle 2 has been reported.