



An Elevated Crater in the Apollinaris Mons Region: Volcanic or Impact-Related?

ESP_035863_1710

Impact craters are very common on the surface of Mars. However, when a circular depression is visible on the summit of a mound or an elevated landform in general, careful analysis is needed to identify whether the crater is created by an impact or by volcanic activity. This issue becomes even more problematic when the crater is located in a area known for its volcanic history such as the Apollinaris region where this image was taken and is very close to the prominent volcano Apollinaris Mons.