The volcano Elysium Mons is the largest volcano in the second biggest volcanic province on Mars. This computer-generated oblique view of the summit caldera looks west across the volcano, and was generated using a pair of images collected by the CTX. The caldera is ~13 km in diameter.

What is evident in this view is that lavas over-spilled the rim of the caldera, suggesting that an active lava lake once occupied the summit of the volcano. An impact crater is seen at the left of the image. Dark wind streaks are visible within the caldera.

Images used for DEM: D22-035811-2048 and F03-037011-2048