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COVER

Mars' extinct volcano, Olympus Mons, was photographed by Viking Voyager 1. It is shown in false color which exaggerates very subtle differences in the volcano's lava flows that have accumulated over time. Olympus Mons is the largest known volcano in the solar system, rising 26,400 meters above Mars' average elevation. See page 561. [U.S. Geological Survey/NASA, Flagstaff, Arizona]

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