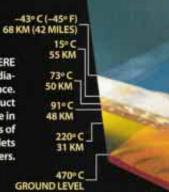


SIZE COMPARED WITH EARTH





THICK CARBON DIOXIDE ATMOSPHERE of Venus is opaque to infrared radiation, so it traps heat at the surface. Three decks of clouds are a by-product of a complex meteorological cycle in which sulfur goes through a series of reactions to form sulfuric acid droplets at altitudes above about 70 kilometers.



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VENUSIAN SURFACE (above) was photographed by the Soviet Venera 13 lander in March 1982. The lander survived on the planet's surface for 127 minutes. The orange color detected in the Venera images was later added to radar images of the planet, such as the large one at the far left and the landscape at the right.

ENORMOUS VOLCANO known as Maat Mons was imaged from radar data collected by the Magellan orbiter. The data were processed to create this perspective, a view from a distance of about 550 kilometers and an altitude of 1.7 kilometers. The volcano itself is about six kilometers tall.

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