

DIE OBERFLÄCHE (1/2)

Die Venus hat Täler, Berge und Vulkane. Das *Dali Chasma* ist ein Netz von Canyons und Tälern, das sich über 2000 km erstreckt. Die *Maxwell Mountains* sind 11 km hoch.

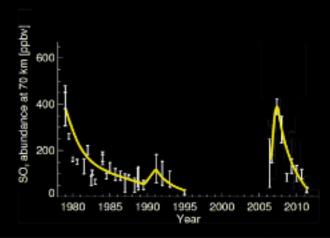
(1/2)

Der Maat ist ein Vulkan und könnte noch aktiv sein.

Die Vulkane der Venus brechen langsam aus und bilden so "Panettone"-Formen.

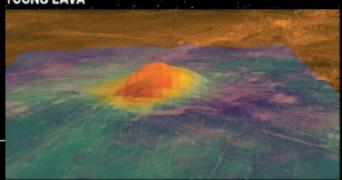


ATMOSPHERIC CHANGES



The rise and fall of sulphur diccide (SO.) in the upper atmosphere of Venus over the last 40 years, seen by NASA's Pioneer Venus and other spacecraft between 1978 and 1995, and ESA's Venus Express between 2006 and 2012. A possible explanation is the injection of 50, into the atmosphere by volcanic eruptions. Credits: E. Marca et al (2012)

YOUNG LAVA



Venus Express found that the area around Idunn Mons in Imdr Regio was unusually dark compared with its surrounds, suggesting a different, younger, composition, pointing to lava flows within the last 2.5 million years. The map shows near-infrared emissivity; red-orange is high emissivity (darkest), purple is the lowest emissivity. Credits: ESA/NASA/IPL/S. Smreker et al (2010)