



Overlapping Lava Flows in Daedalia Planum

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Lava flows south of Arsia Mons in Daedalia Planum transition from younger flows with elongated, sinuous morphologies to the northeast, to older, broader lobes and sheet flows to the southwest. (The time scale we're talking about is approximately 100 million to 1 billion years.) At the southern margin of the Tharsis region, older, probably 3-billion year old volcanic plains have been identified where Tharsis flows contact the ancient highlands.