



Where Does the Sand Come From?

ESP_051780_1725



The grains of sand that make up sand dunes on Earth and Mars have a hazardous existence because of the way that they travel. Wind-blown sand is lifted above the surface before crashing onto the ground and bouncing in a sequence of repeated hops, a process called saltation. The fact that we see active sand dunes on Mars today requires that sand particles must be resupplied to replace the grains that are lost over time. Where are the modern day sources of sand on Mars?

