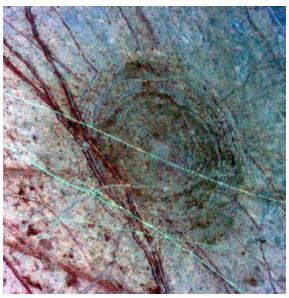
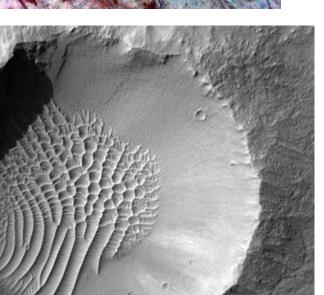
## Planetary Surface Processes

Cratering Gravity **Tectonics** Volcanism Winds Fluvial **Glacial** Chemical weathering

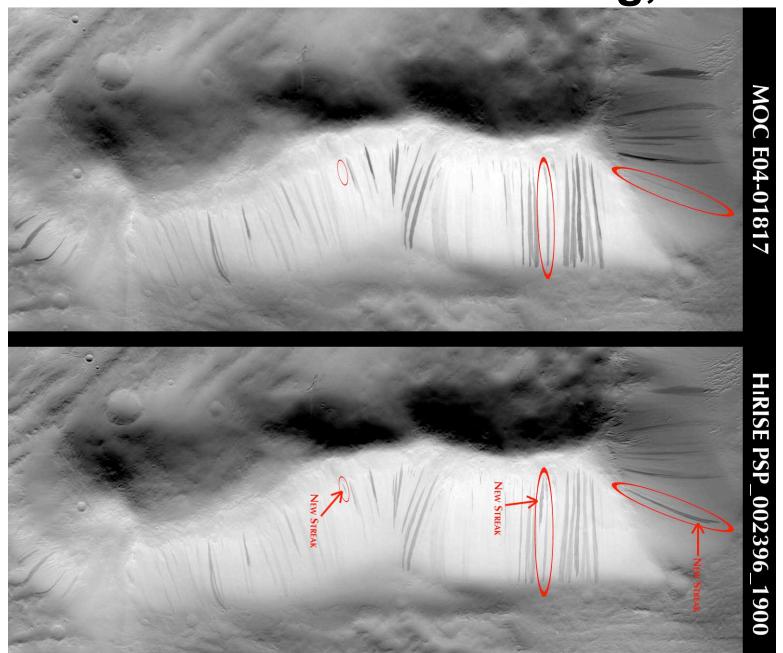


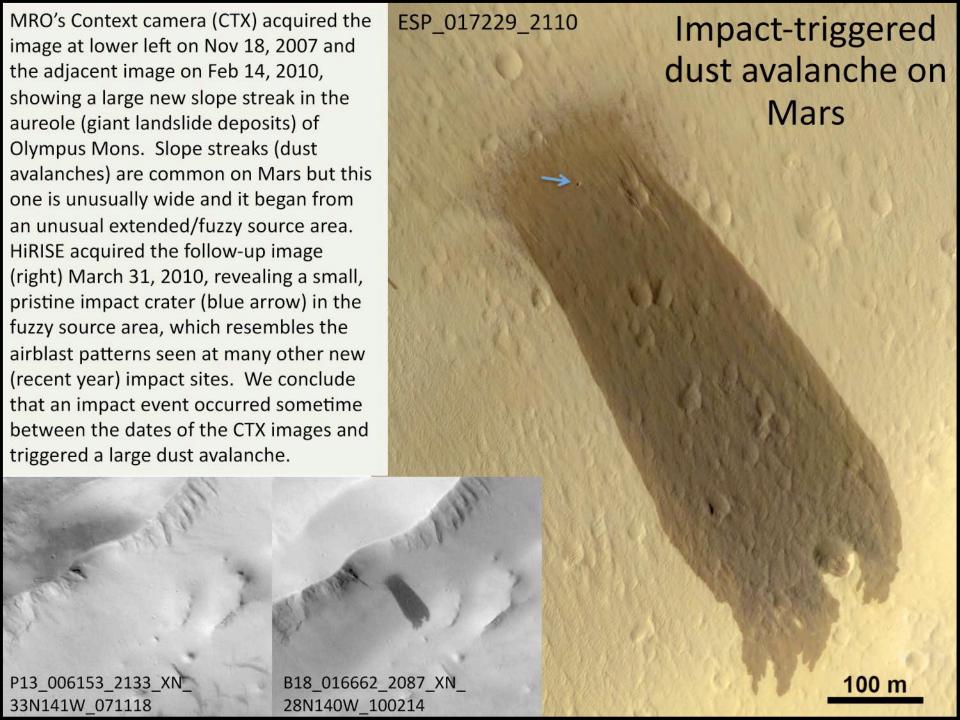






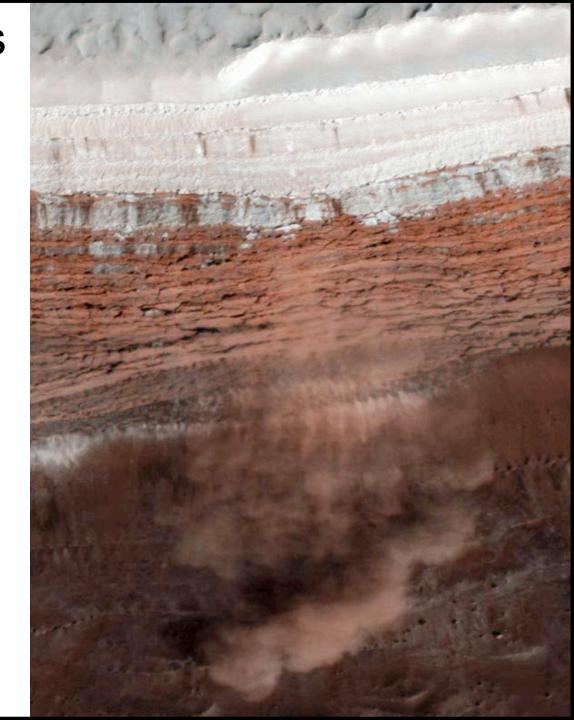
Mars dust avalanches forming, fading



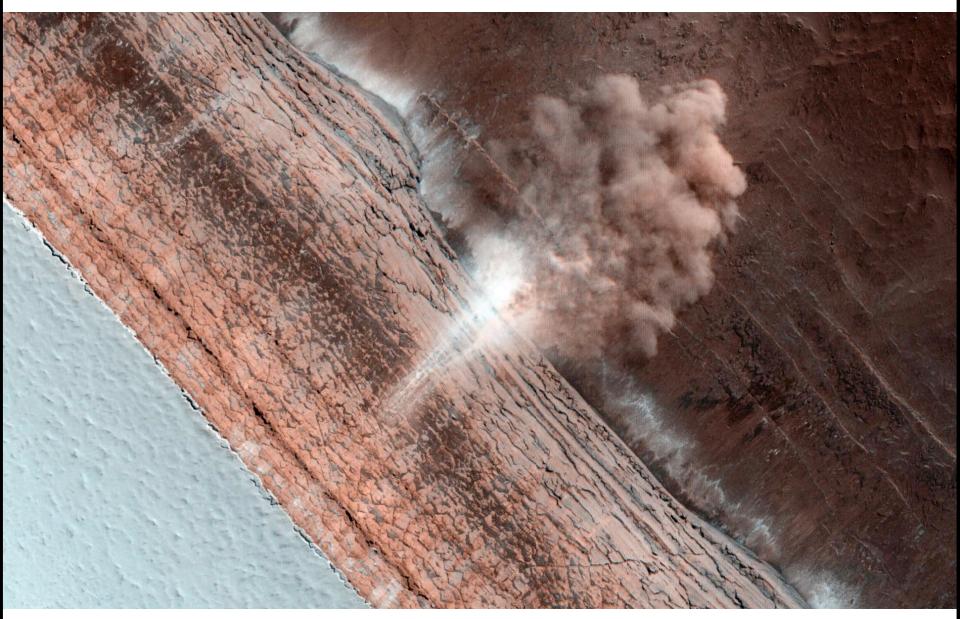


# Polar avalanches on Mars

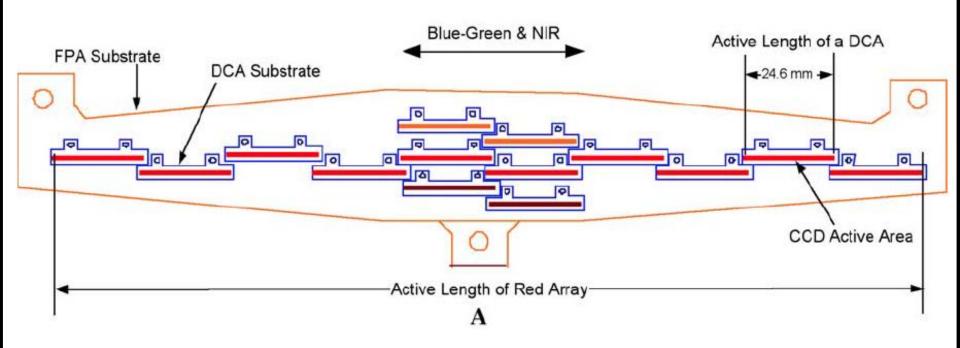
- Occur on slopes >40°
- Only in early/mid spring



### Polar avalanches on Mars



#### HiRISE focal plane array



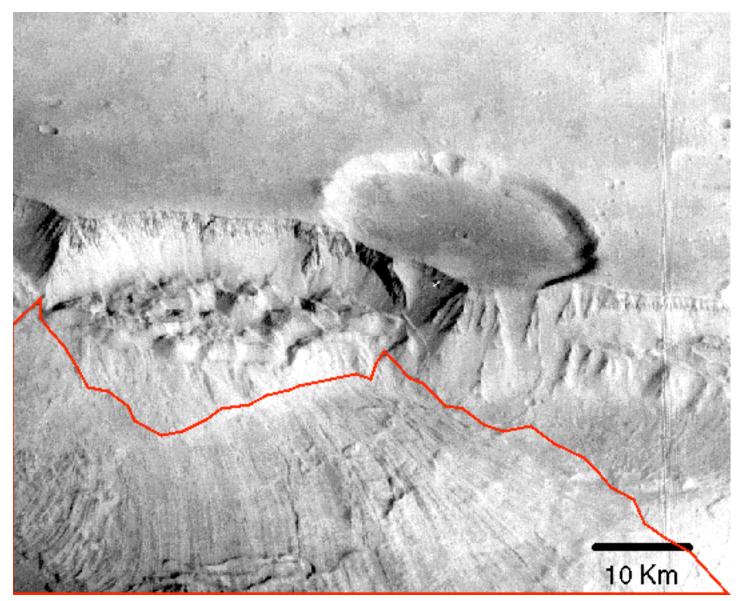
Slight time difference in IR vs. red vs BG images...

IR

RED

BG

#### Landslides in Valles Marineris



Landslide on lapetus

