

PUSD Middle School Science Day

Presentation by:

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4/10/12



Williams College



Acadia National Park, ME



Cheshire, CT



Sedimentary Environments



Rivers and Lakes

Deserts



Oceans



Volcanoes

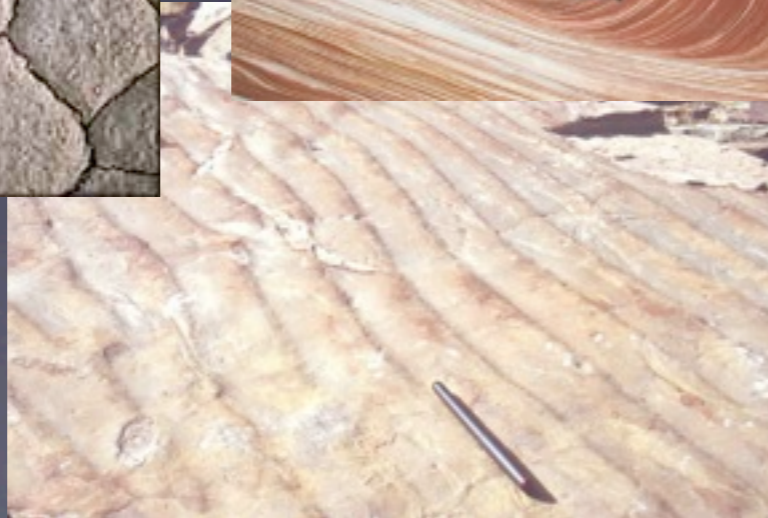
Sedimentary Rocks



“Clastic”



“Chemical”



“Biological”

Tools that geologists use on Earth

Map board and map

Field notebook

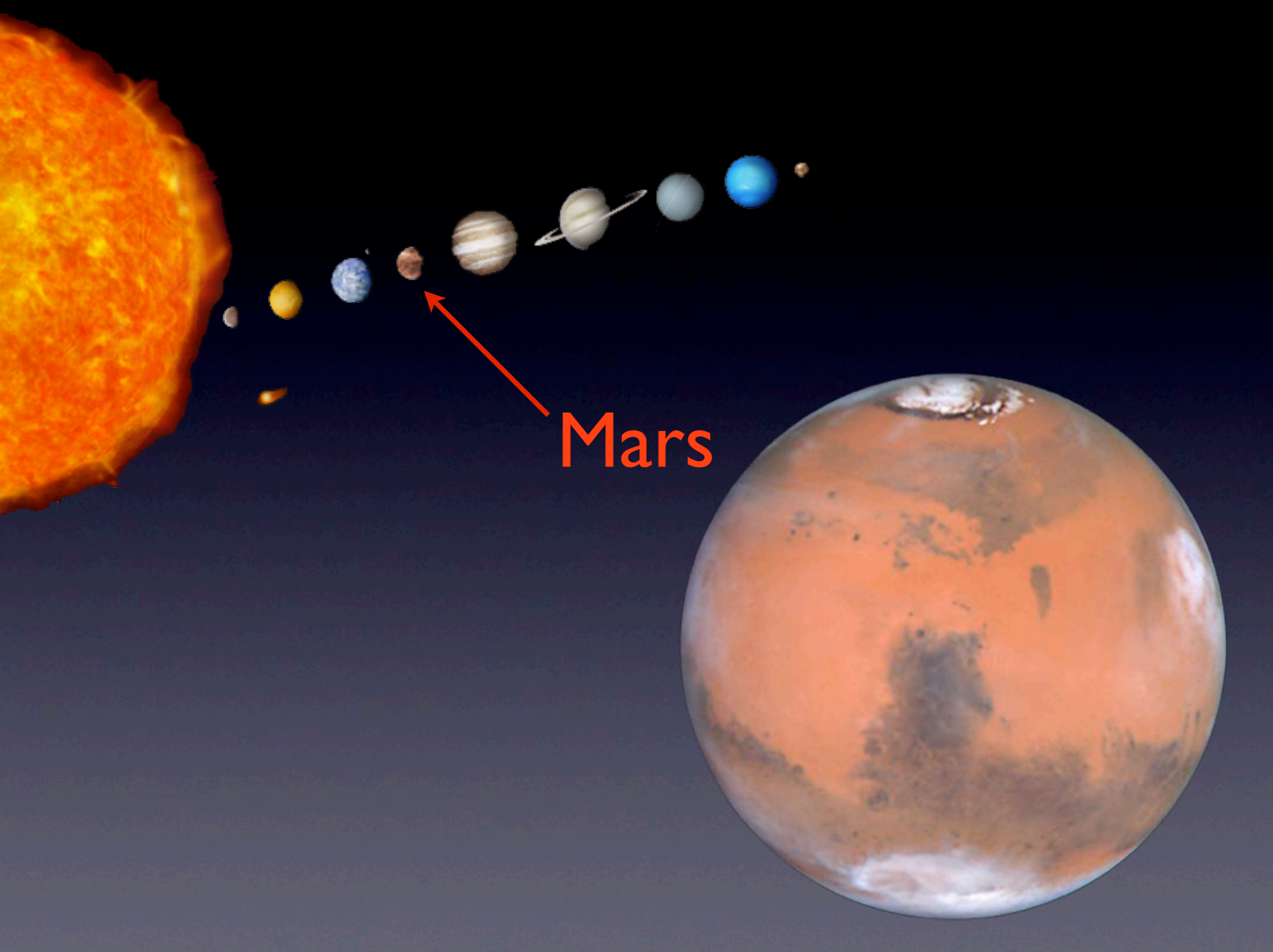
Rock Hammer

Hand lens

Brunton compass

Grain size card

Head lamp



Mars

How geologists study Mars

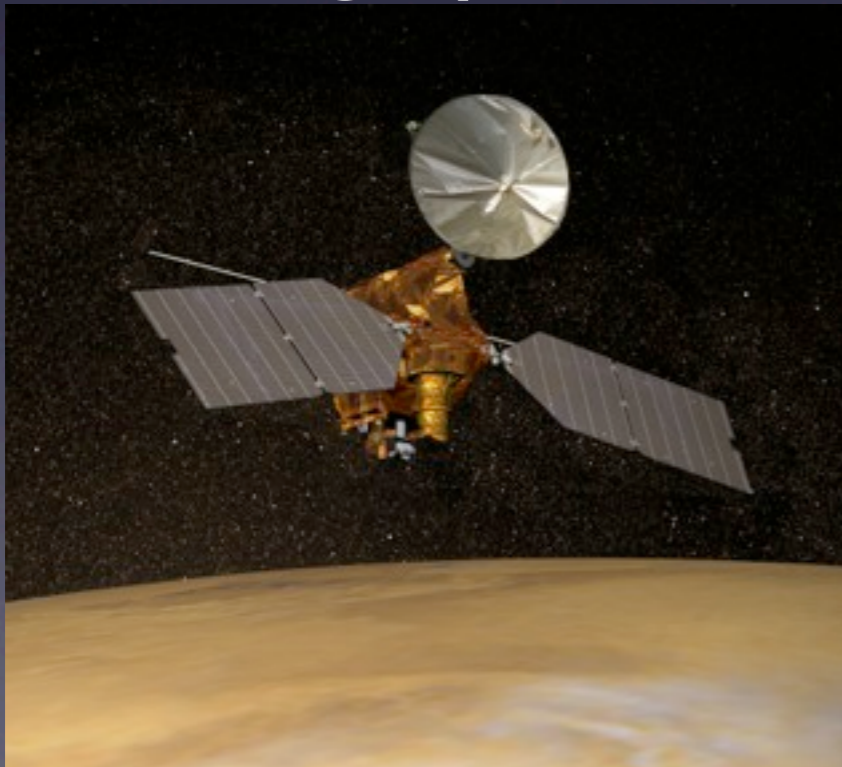
Telescope Observations



Mars Analogs on Earth

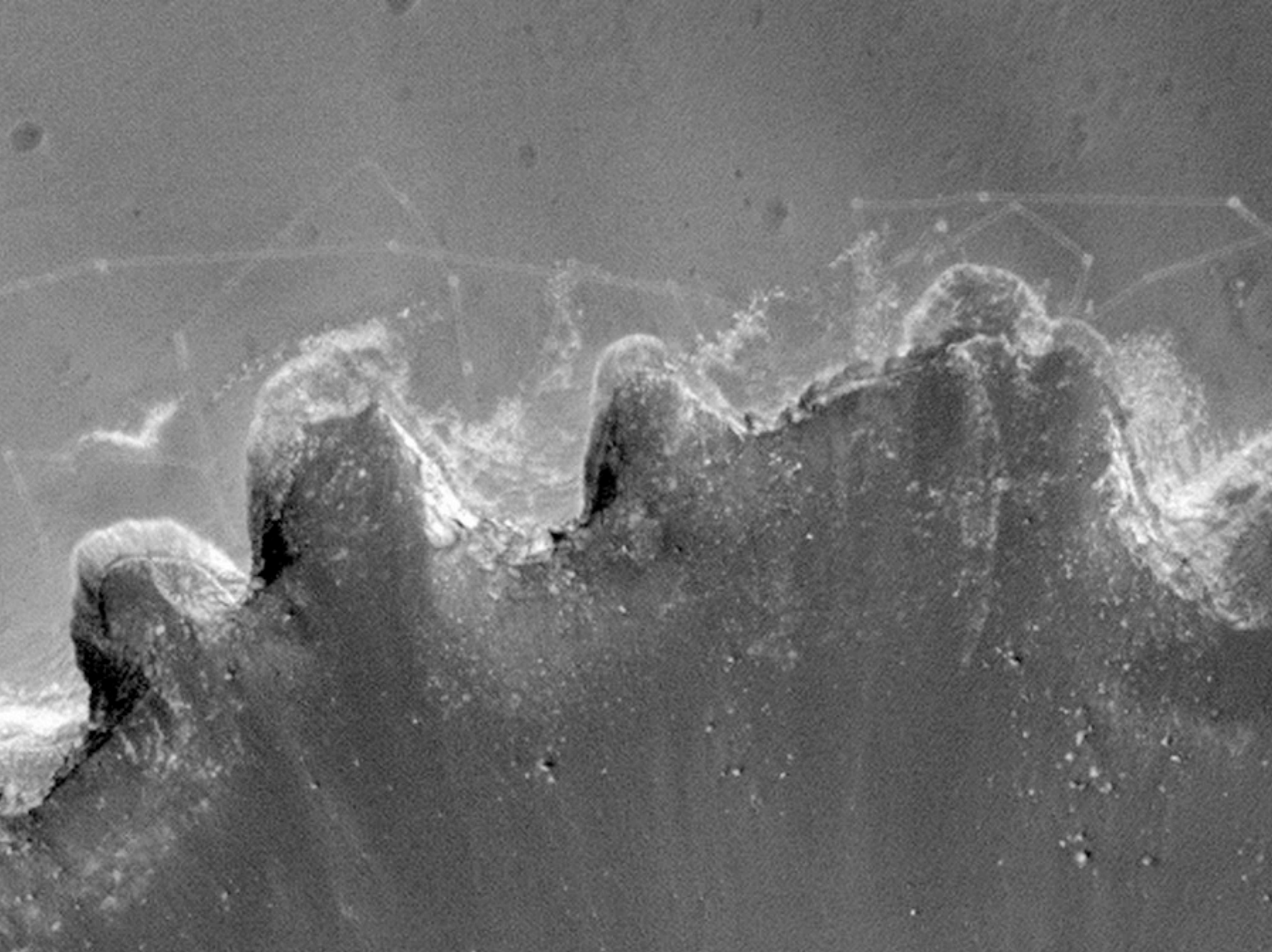


Orbiting Spacecraft



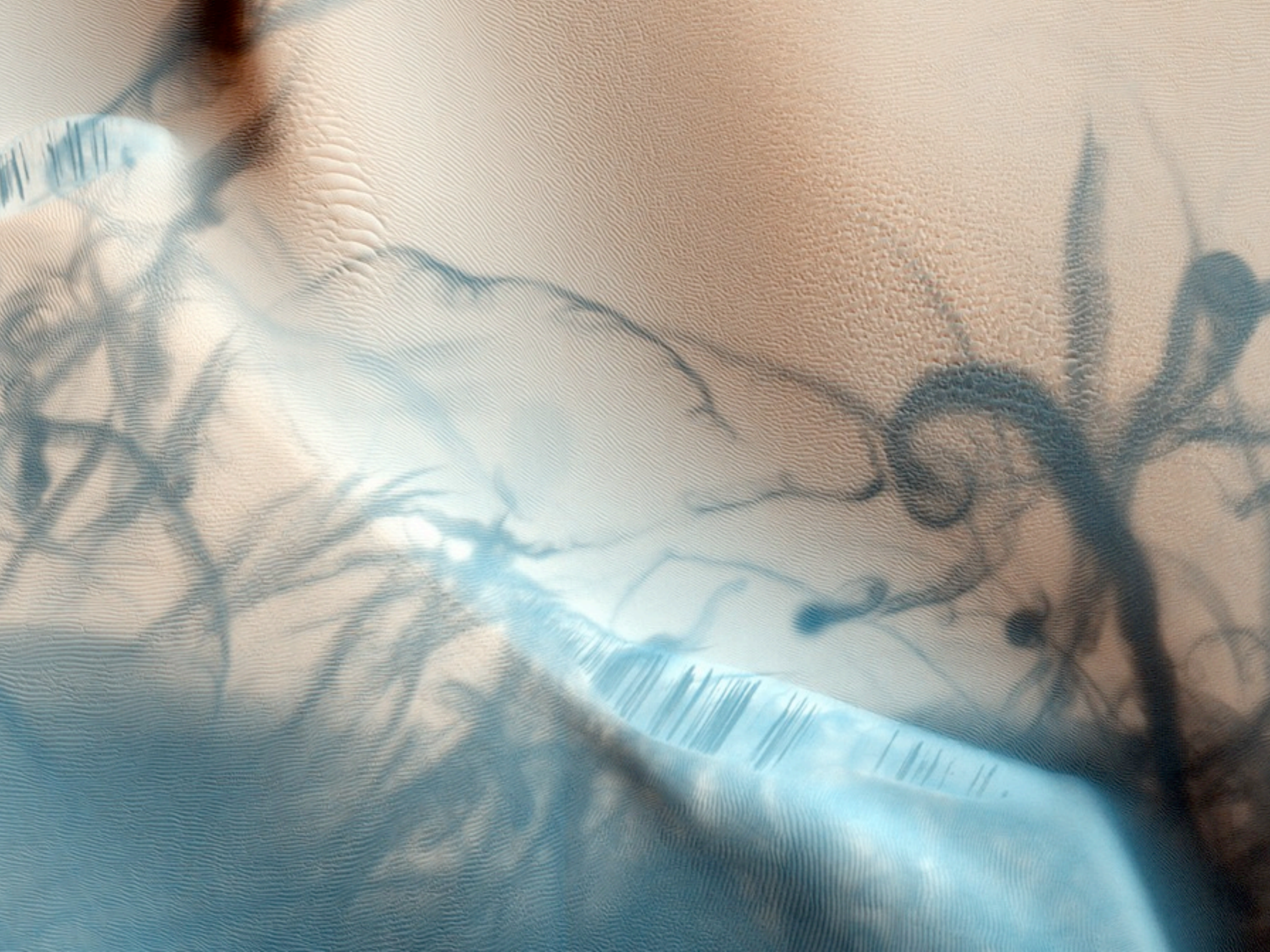
HiRISE: An orbiting Mars camera











Caltech from HiRISE



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Imagery Date: 3/7/2011 1994

34° 8.184' N 118° 7.609' W elev 232 m

Eye alt 577 m

How geologists study Mars

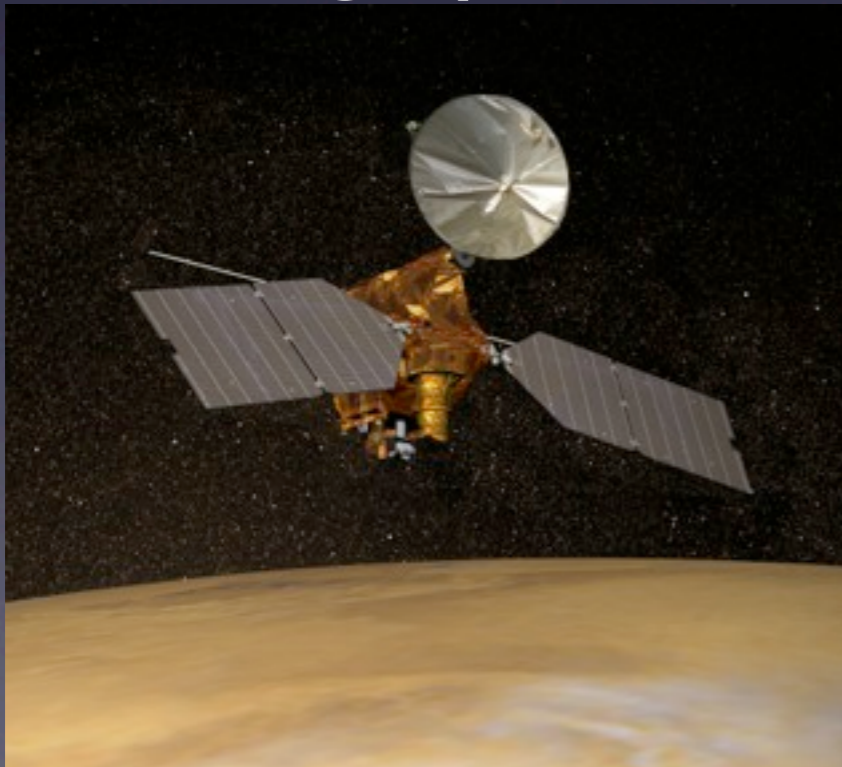
Telescope Observations



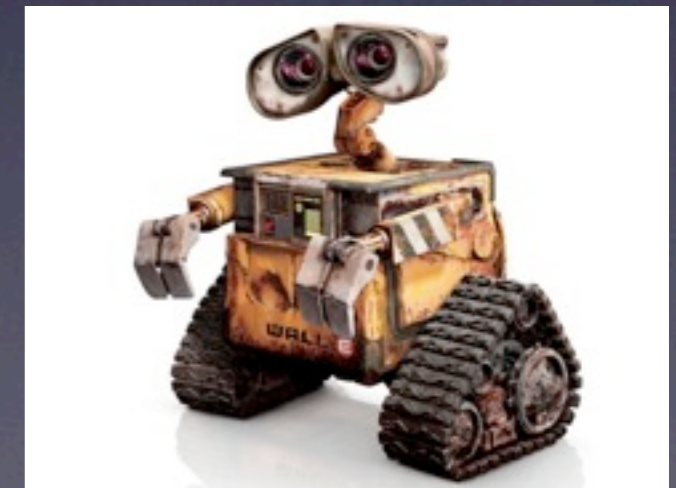
Mars Analogs on Earth



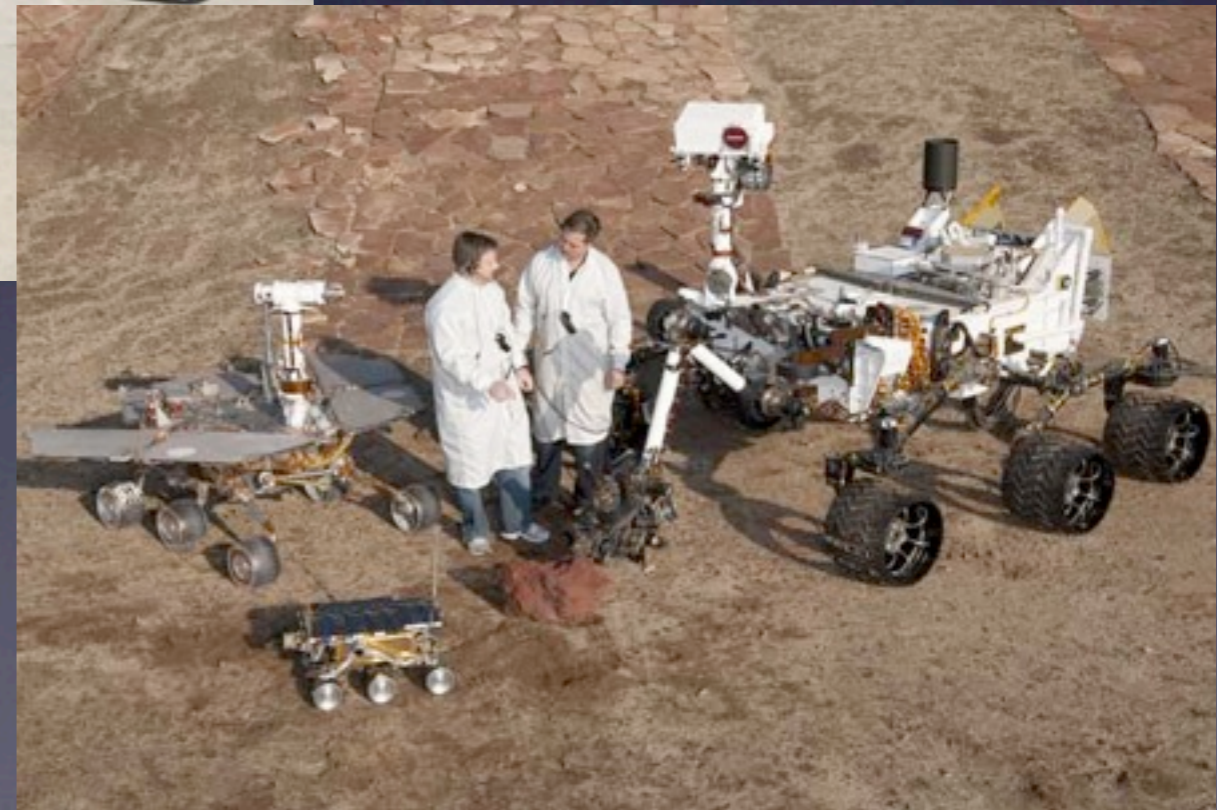
Orbiting Spacecraft



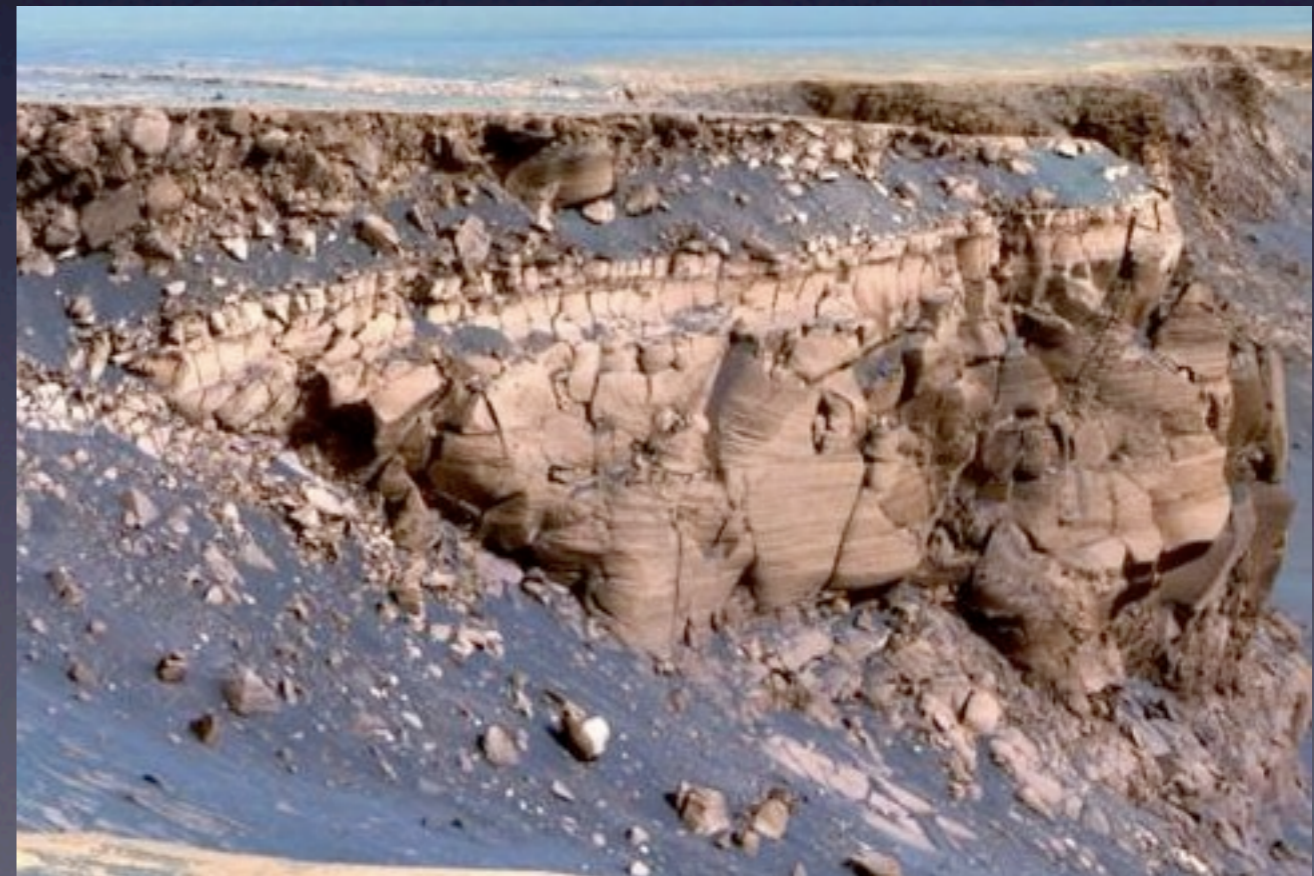
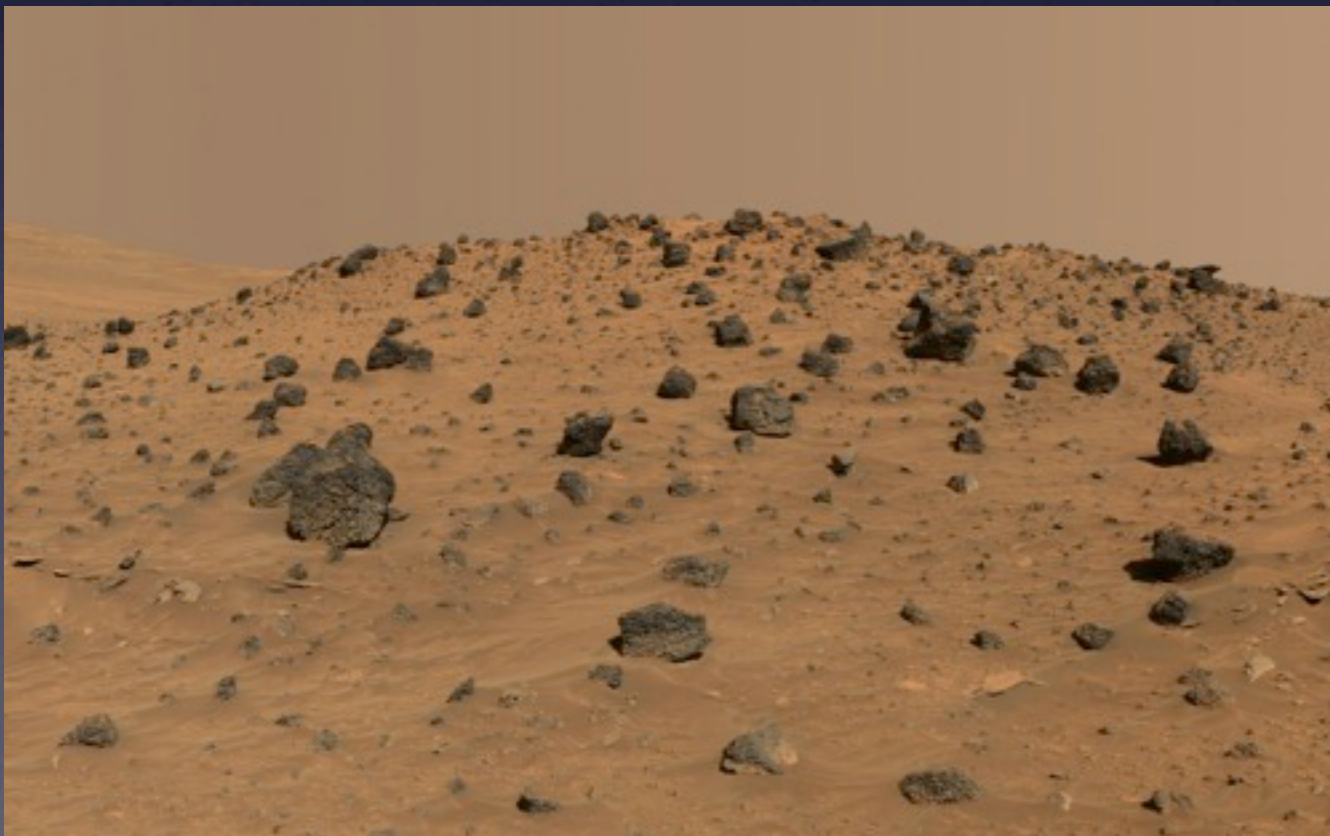
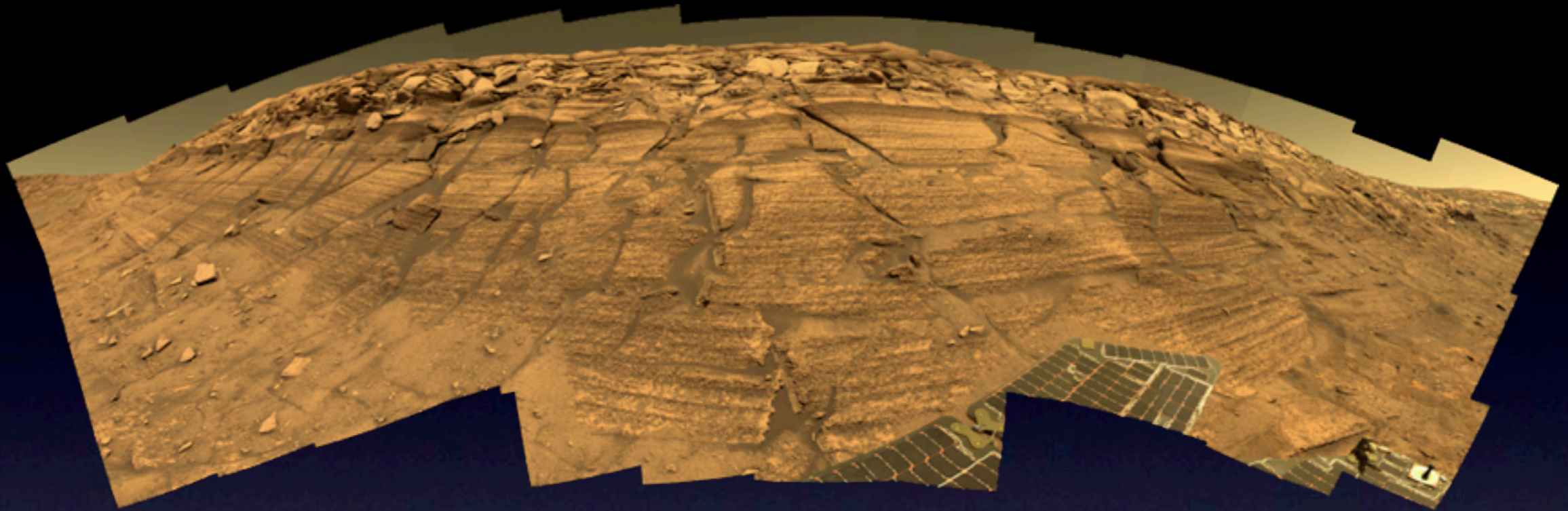
Rovers



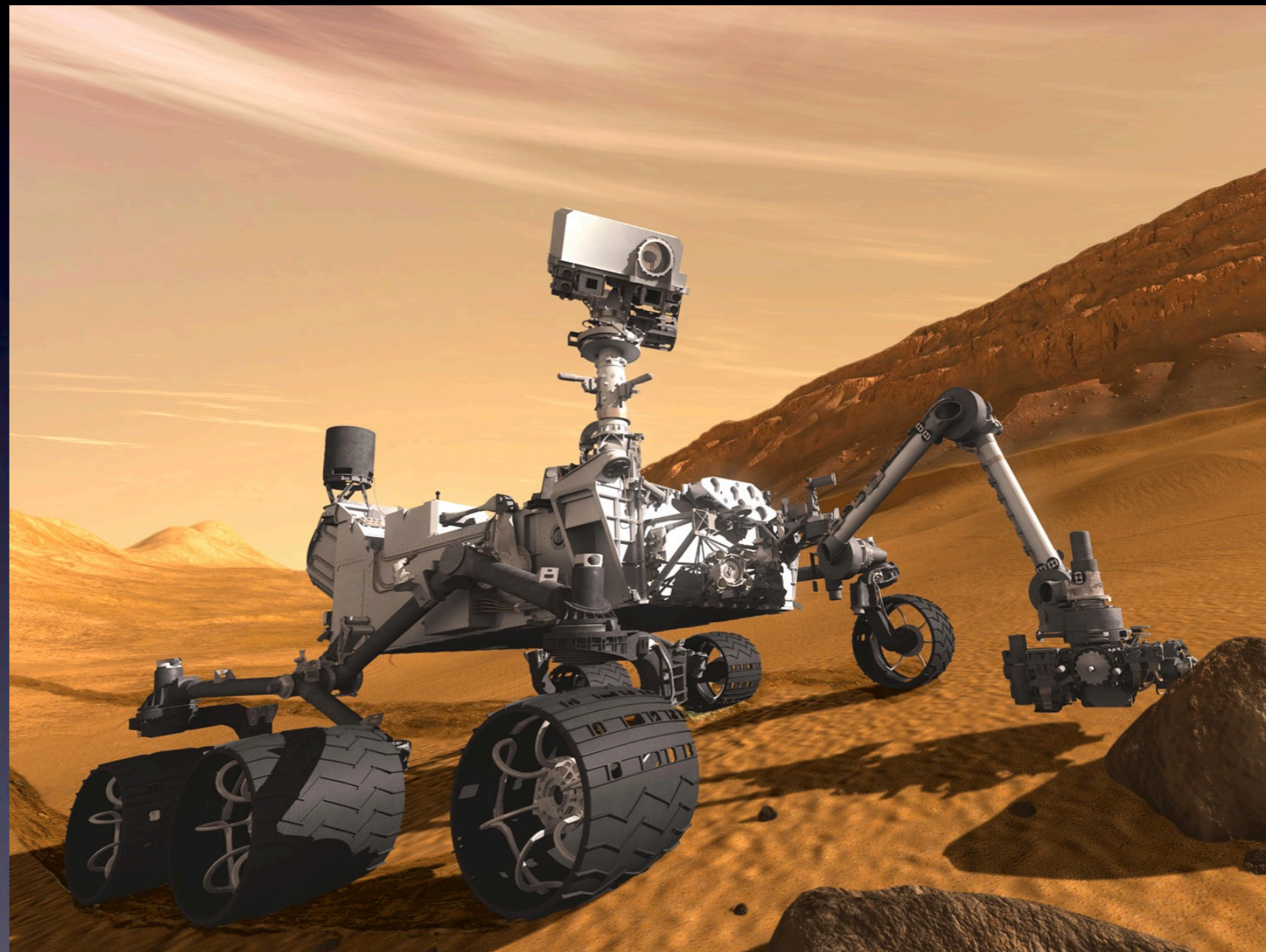
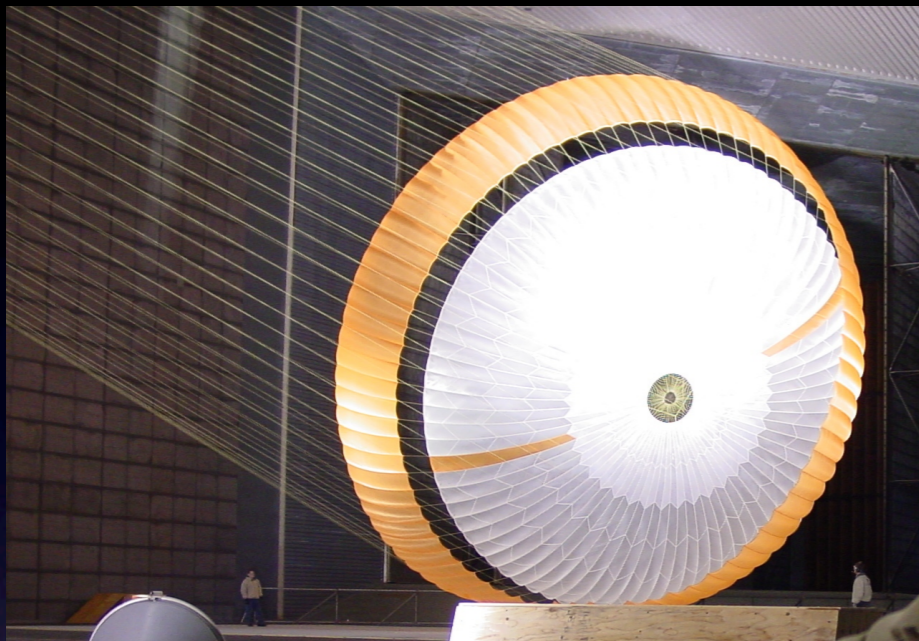
The Mars Rover Family



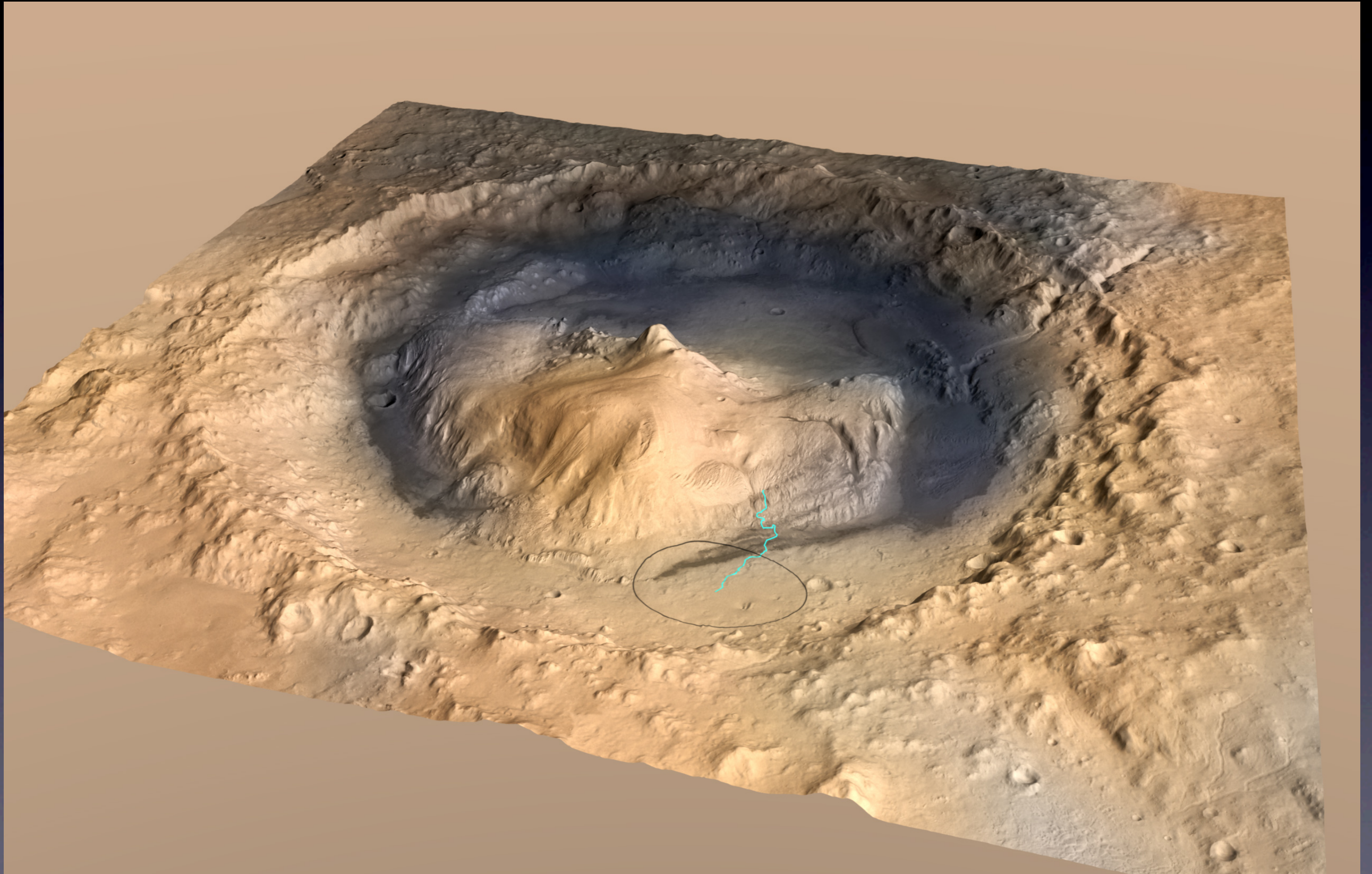
A Rover's View of Mars

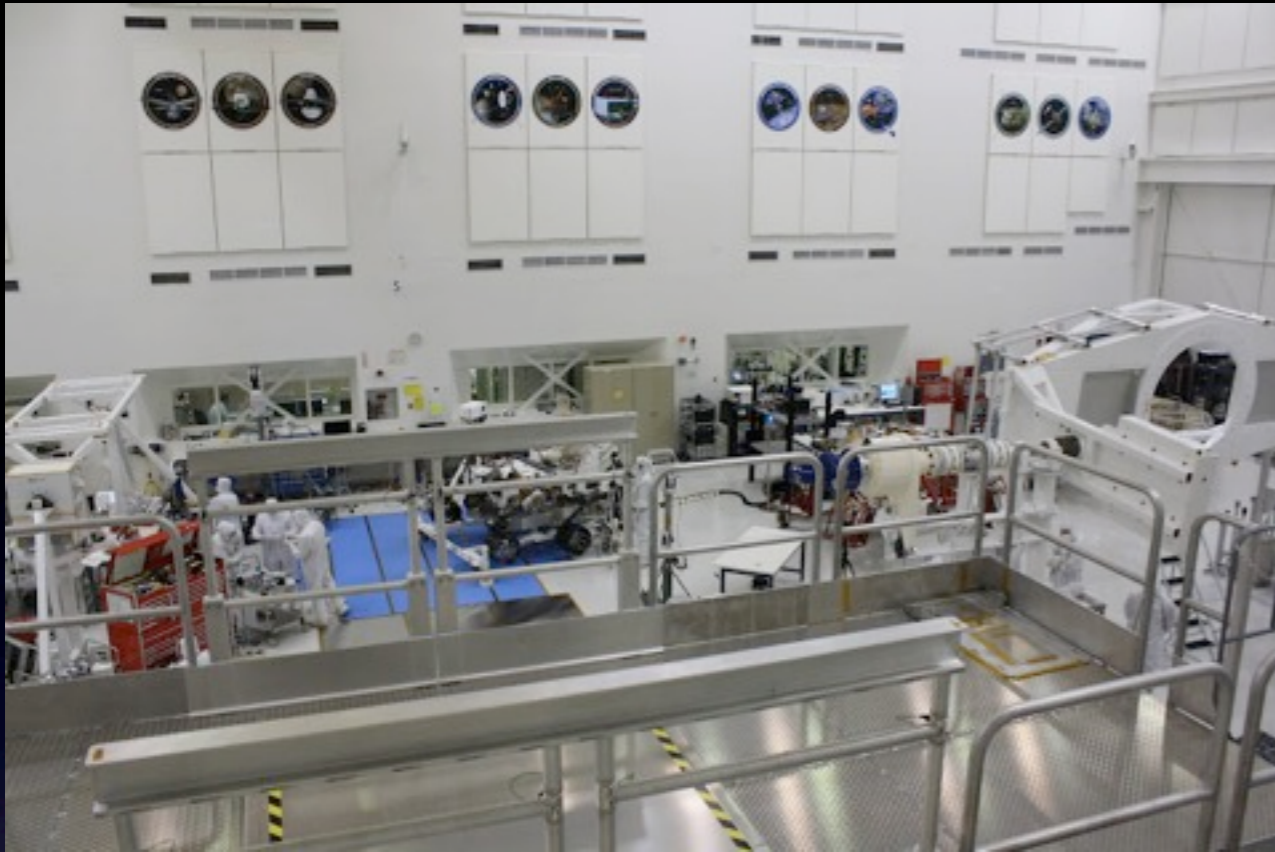


Curiosity: The Next Mars Rover



Mount Sharp in Gale Crater







Friday, April 13, 12

Curiosity Rocket Launch

