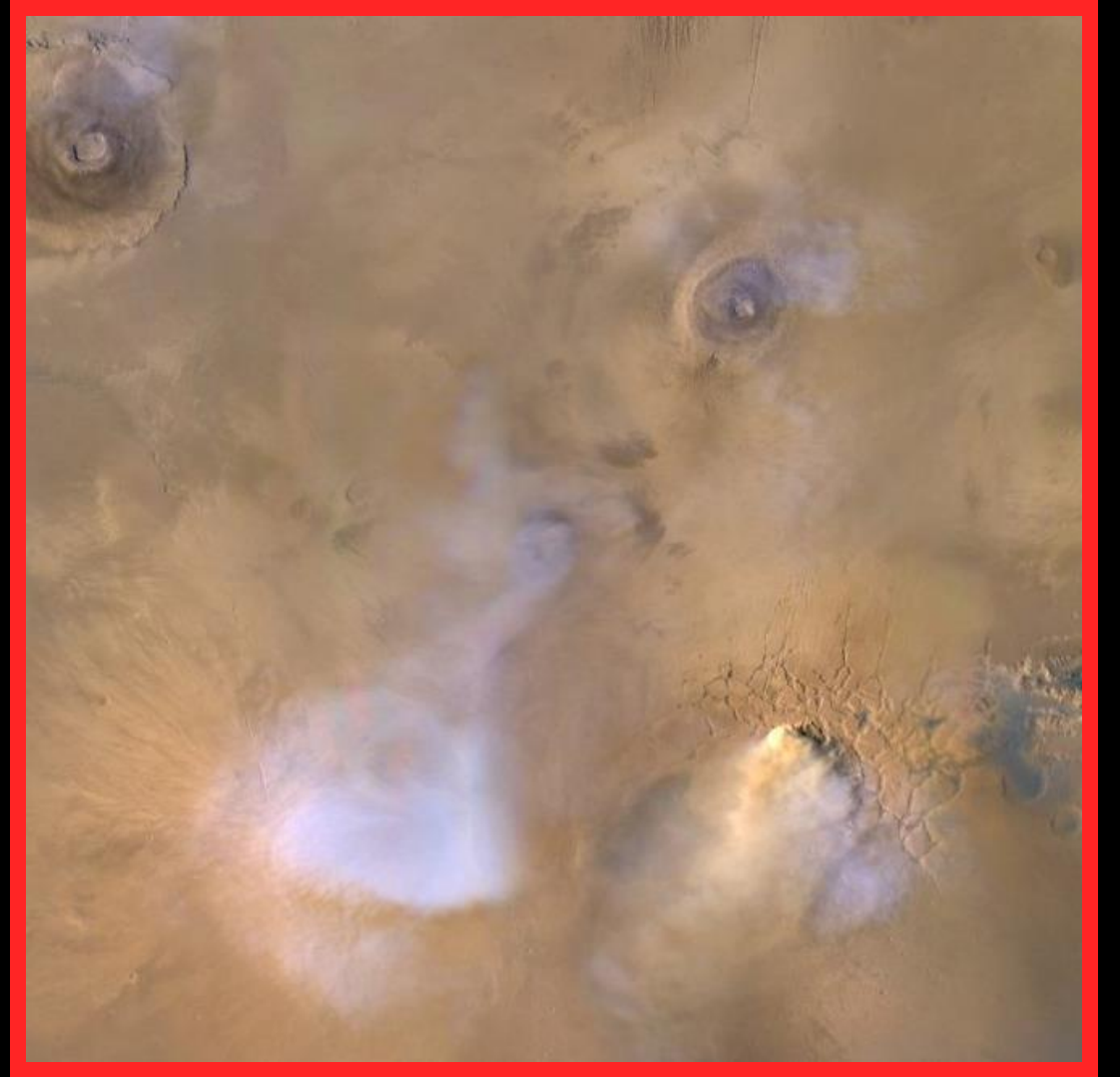


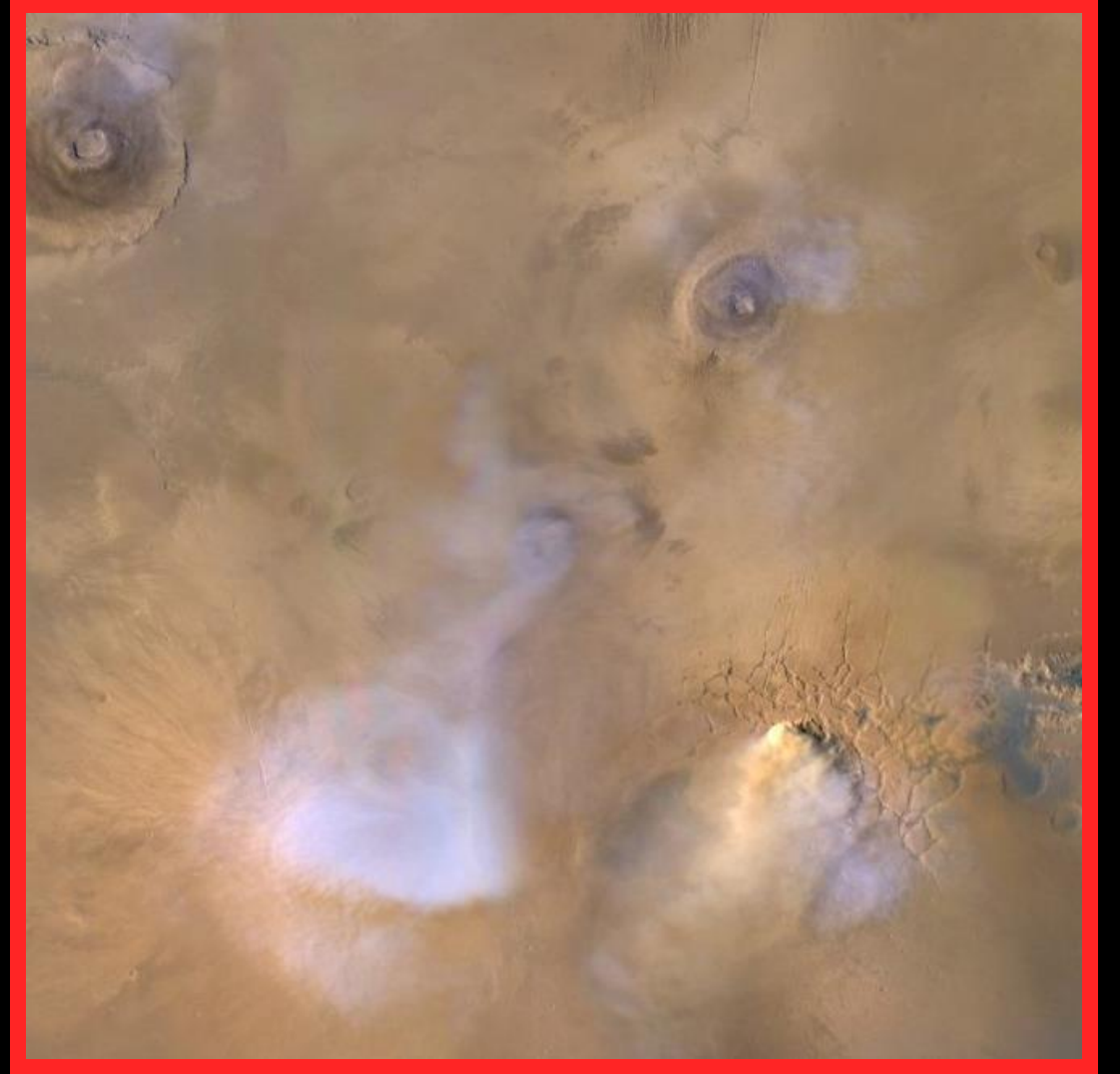


MA  
MATCH  
RS  
GAME



Clouds

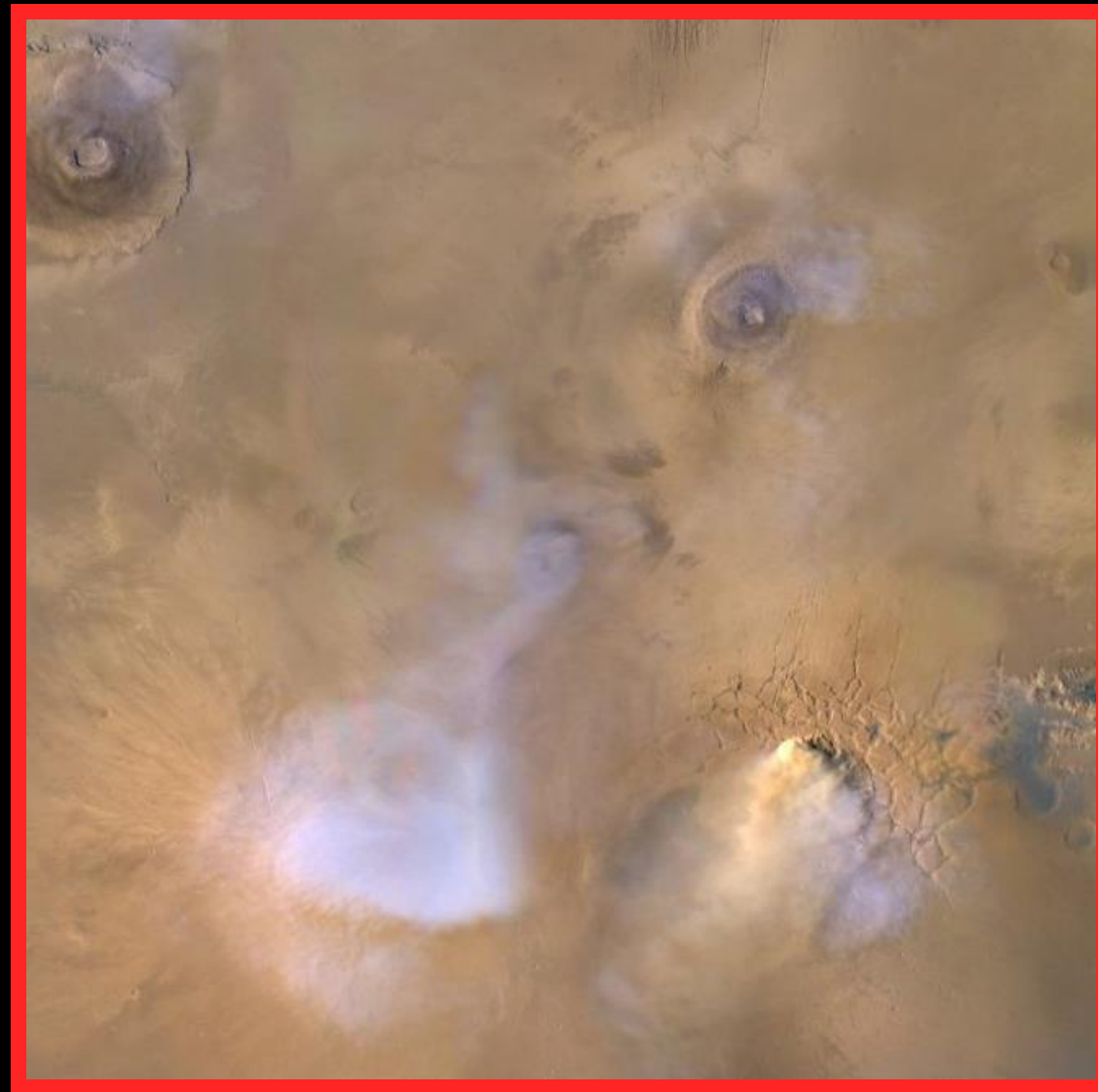




Clouds



Eastern 2/3 of the U.S.



Clouds

Clouds on Mars are made of \_\_\_\_\_ .

A. water

B. carbon dioxide

C. water and carbon dioxide

Clouds on Mars are made of \_\_\_\_\_ .

A. water

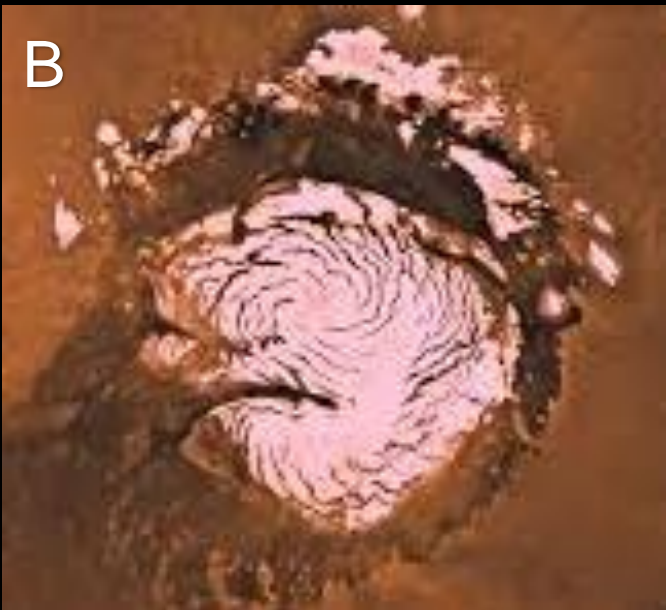
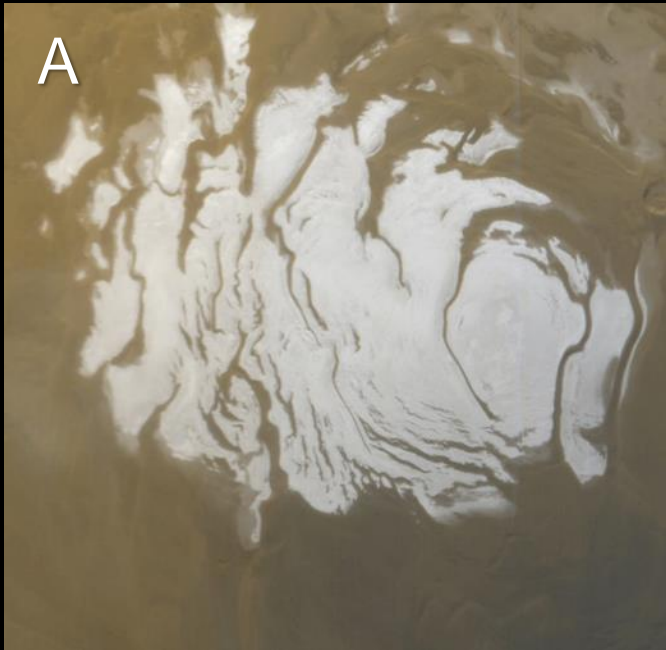
B. carbon dioxide

C. water and carbon dioxide



Ice cap, Antarctica



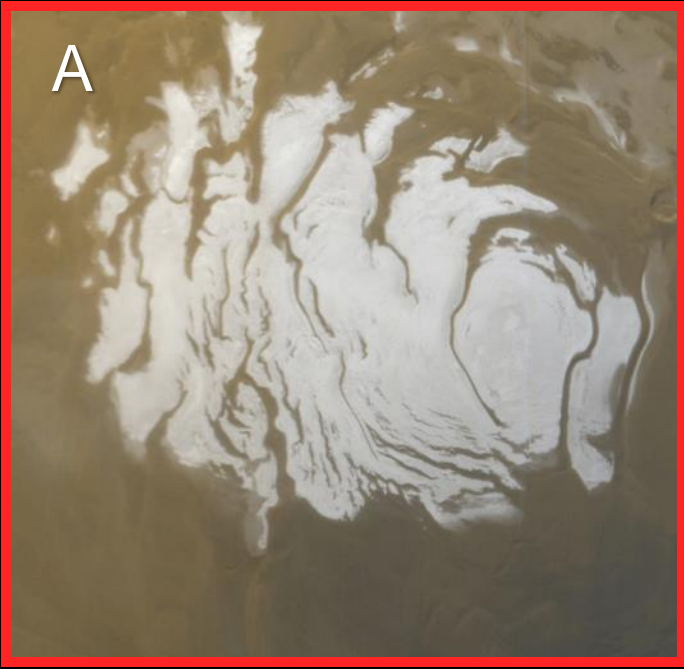


Ice cap, Antarctica



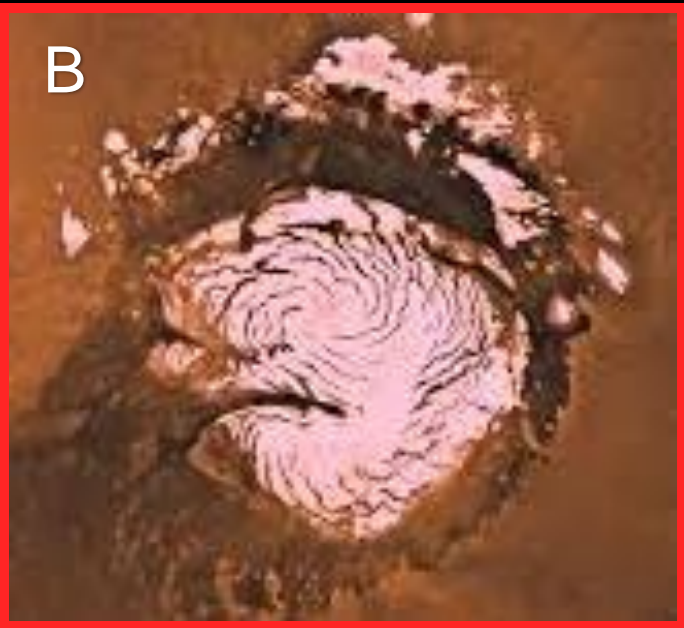
South

A



North

B



Ice cap, Antarctica

The northern ice cap on Mars  
consists  
of frozen \_\_\_\_\_ .

A. water

B. carbon dioxide

C. water and carbon dioxide

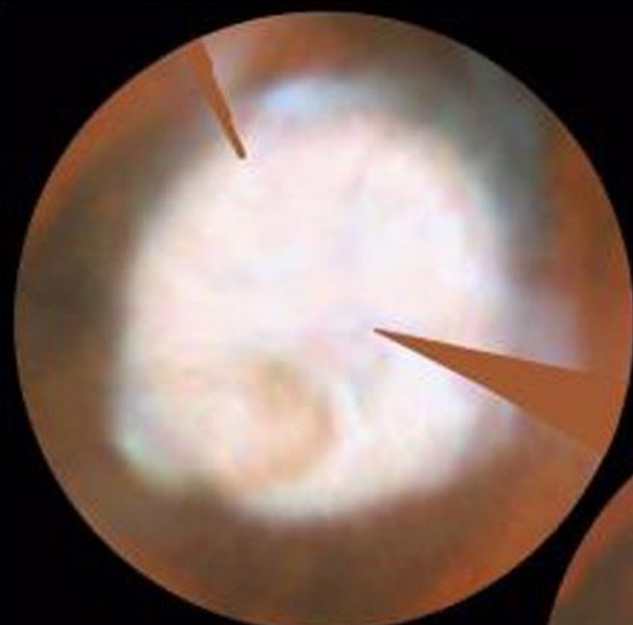
The northern ice cap on Mars  
consists  
of frozen \_\_\_\_\_ .

A. water

B. carbon dioxide

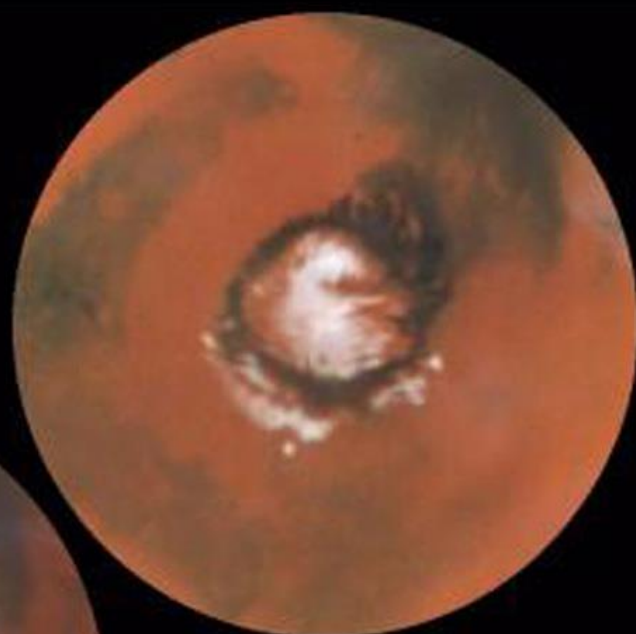
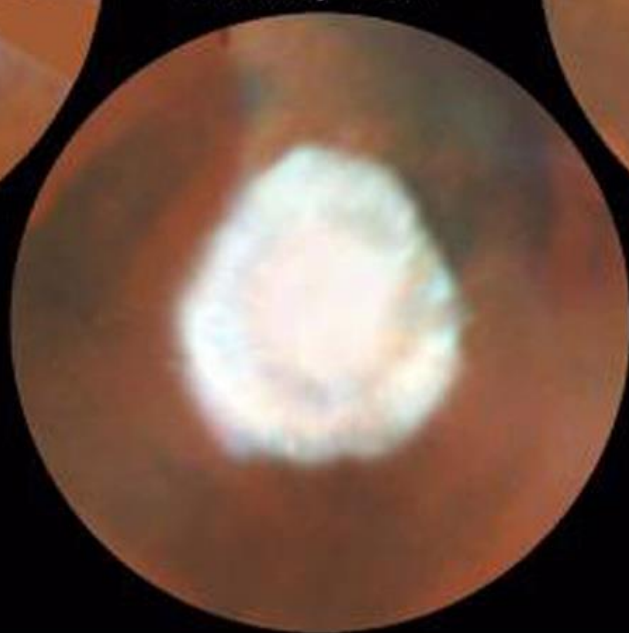
C. water and carbon dioxide





October 1996

January 1997

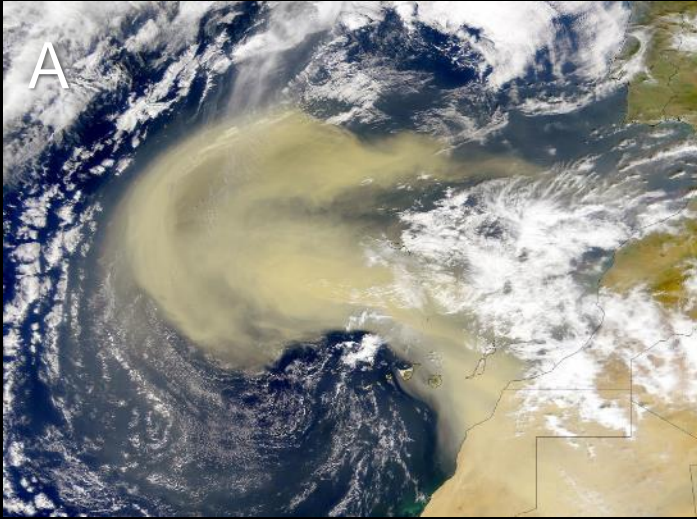


March 1997

**Mars • North Polar Cap**  
Hubble Space Telescope • WFPC2

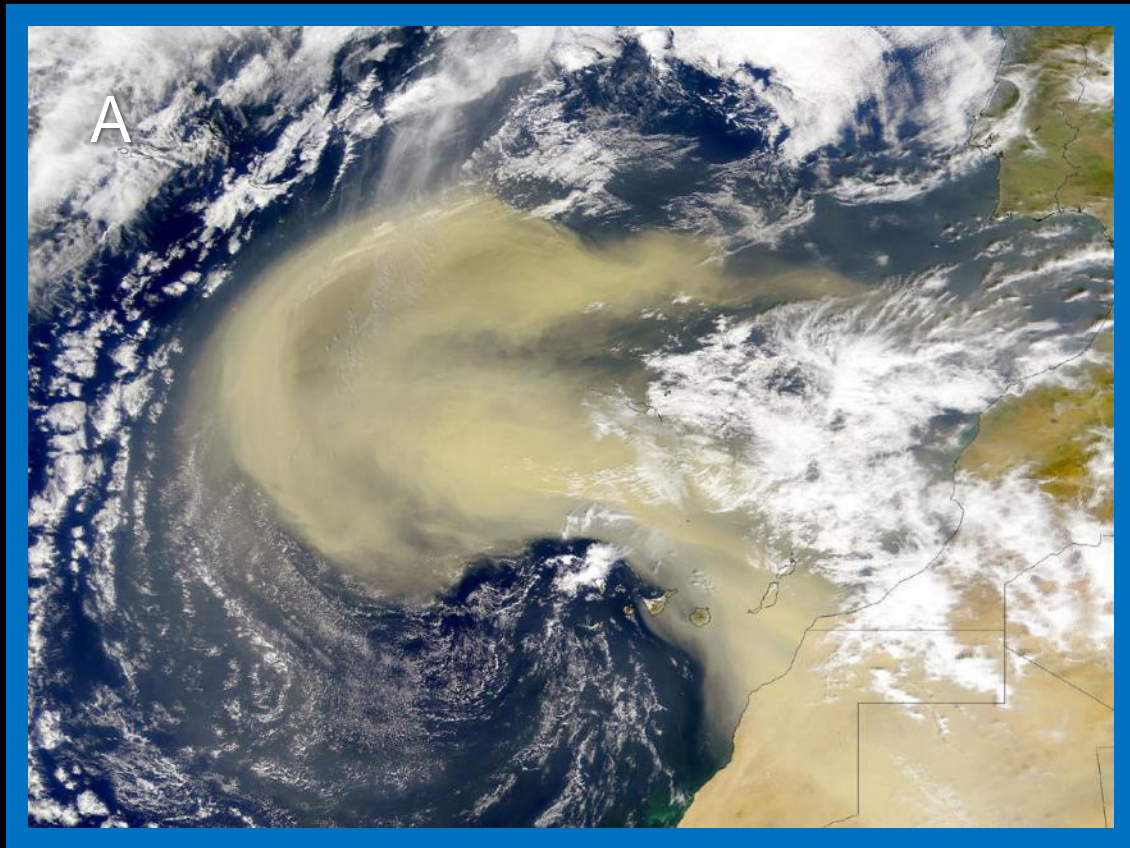


Dust storm



Dust storm





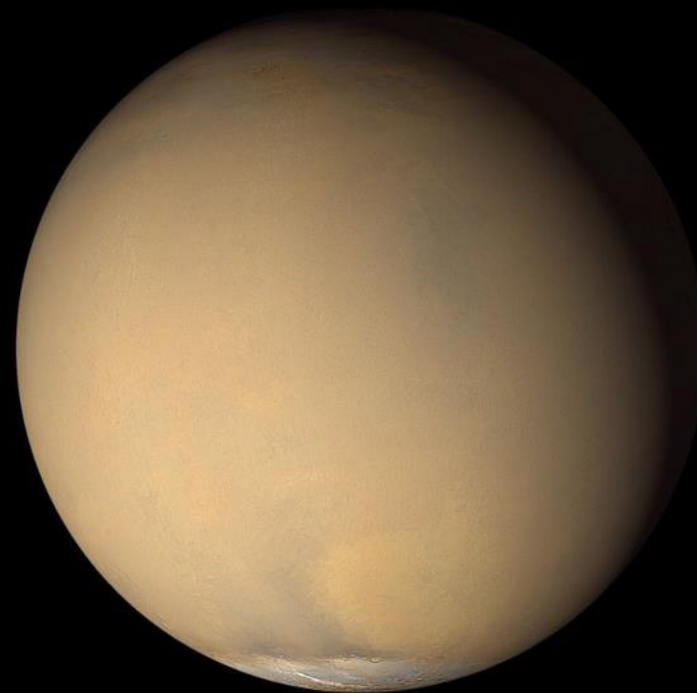
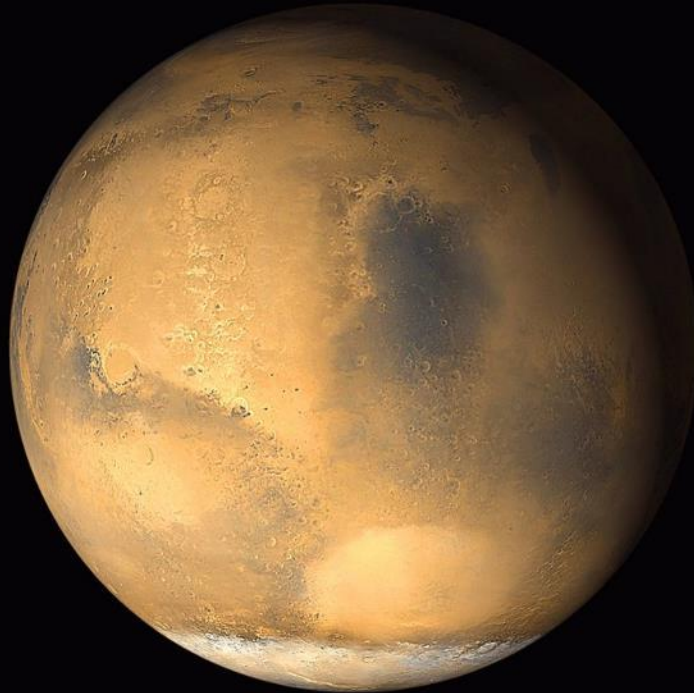
Sahara dust  
storm



Polar dust storm

True or False? Dust storms on Mars  
can cover the entire planet.

**True!** Dust storms on Mars can cover the entire planet.



2018

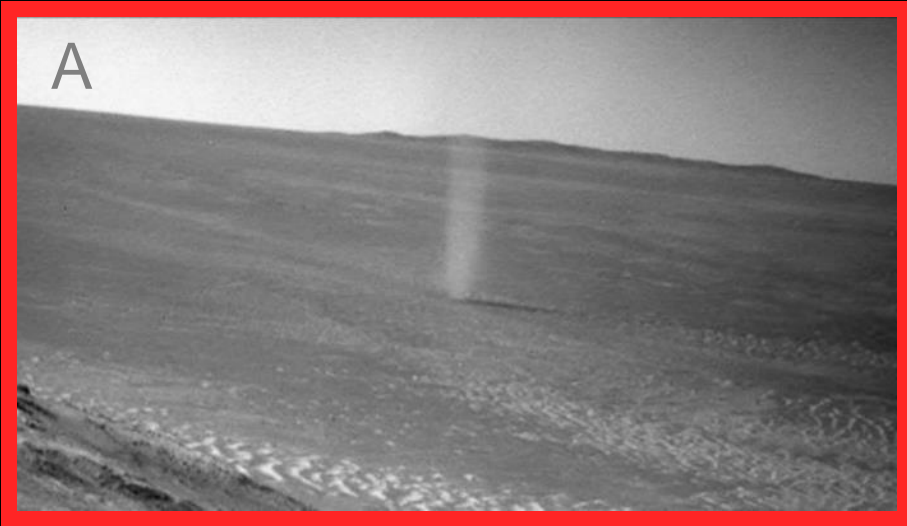




Dust Devil



Dust Devil



Seen from the ground by the Opportunity rover

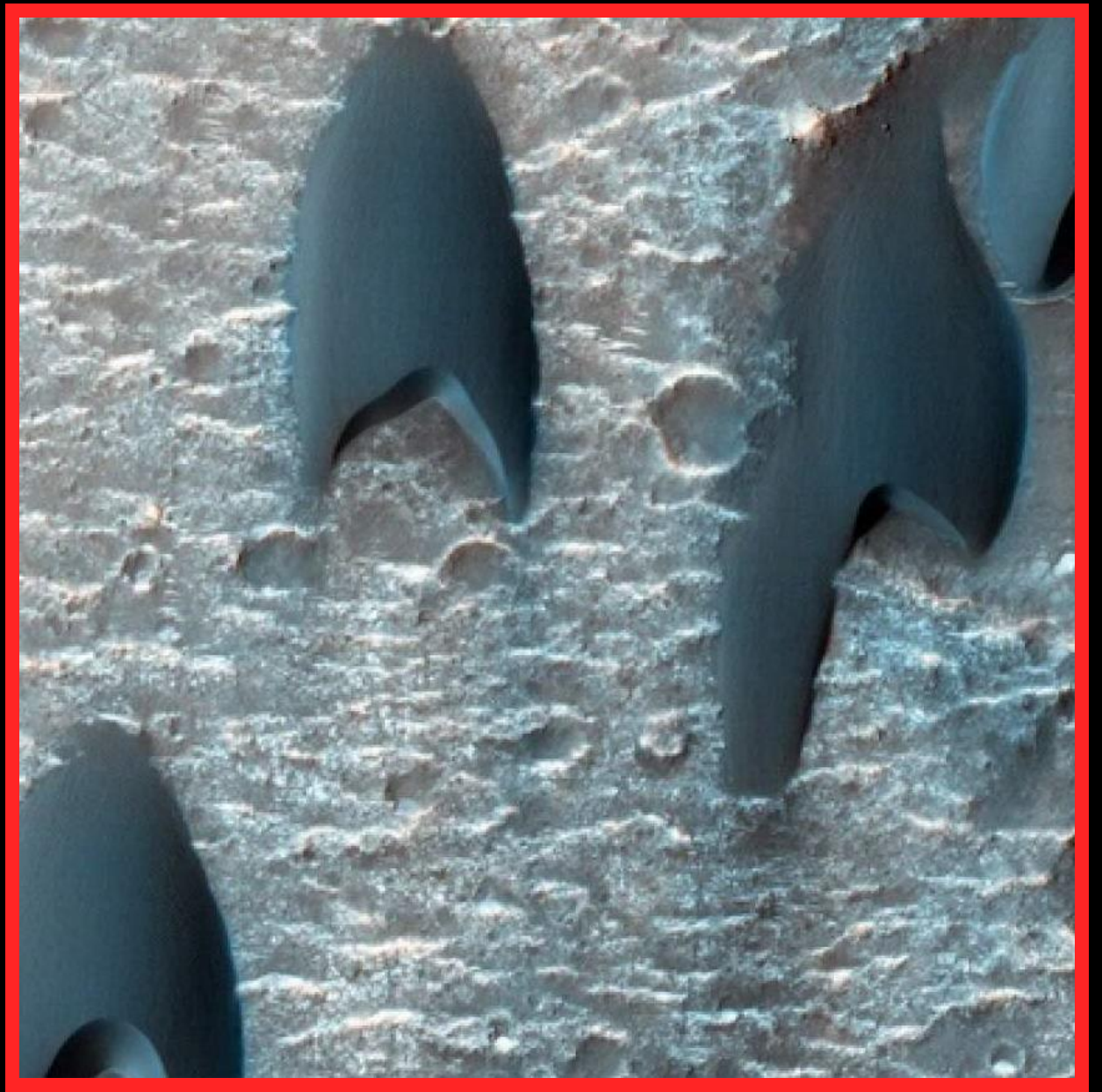


Seen from above by the Mars Reconnaissance Orbiter



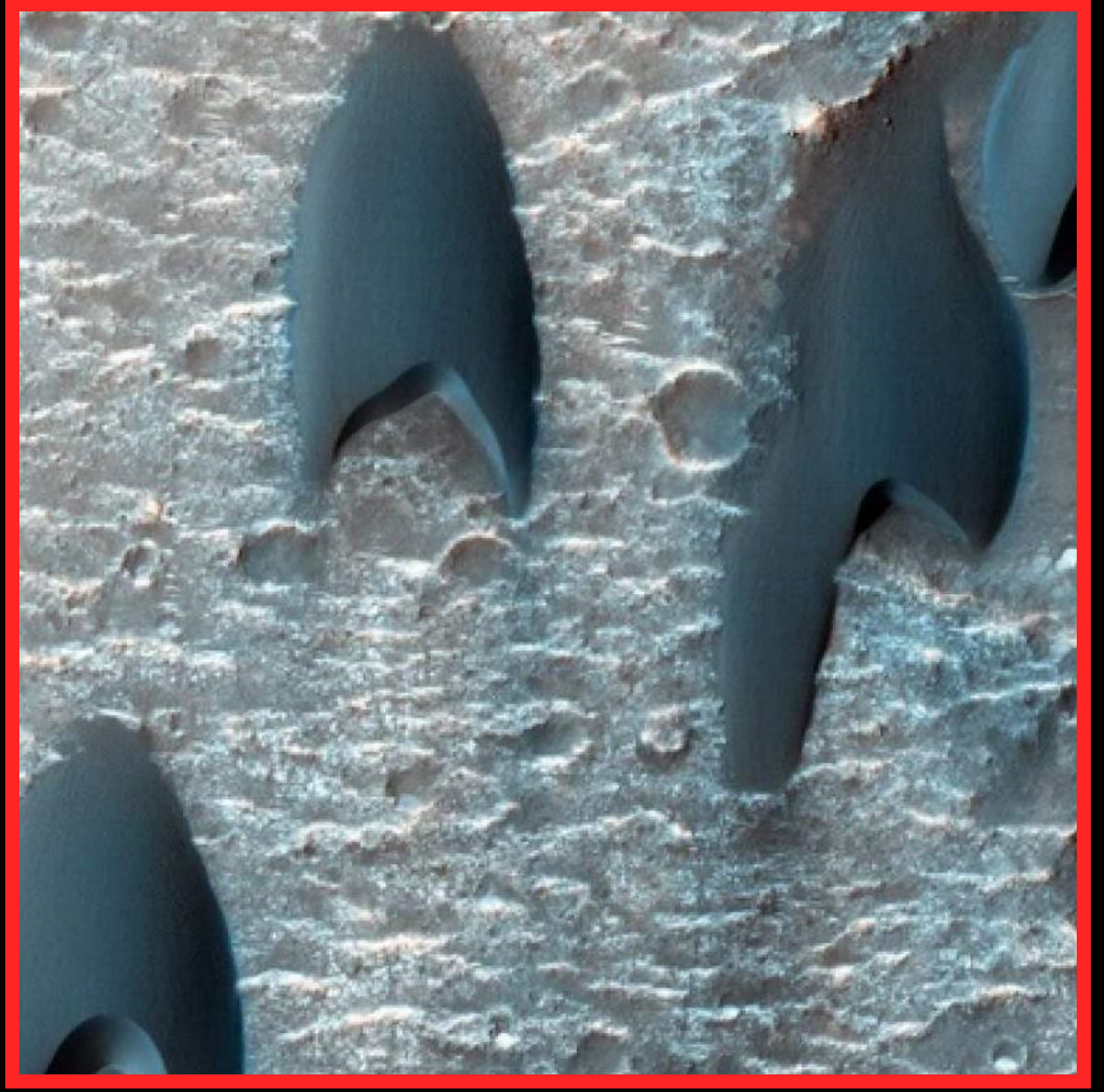
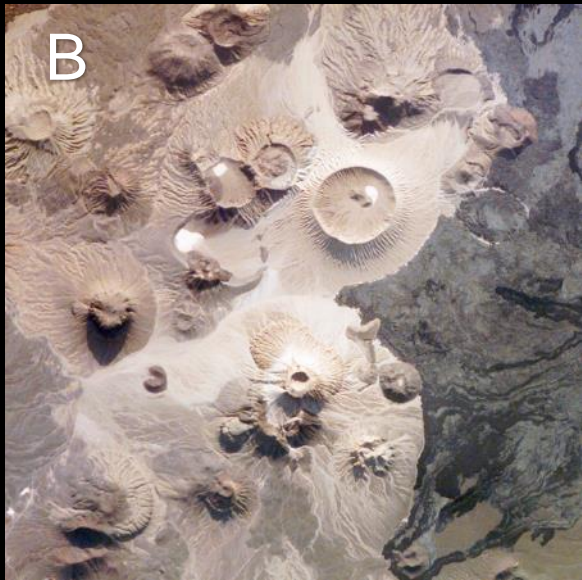
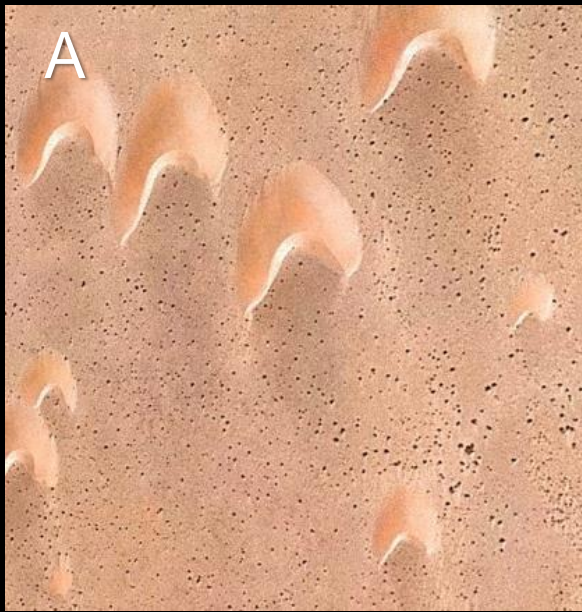
Dust Devil





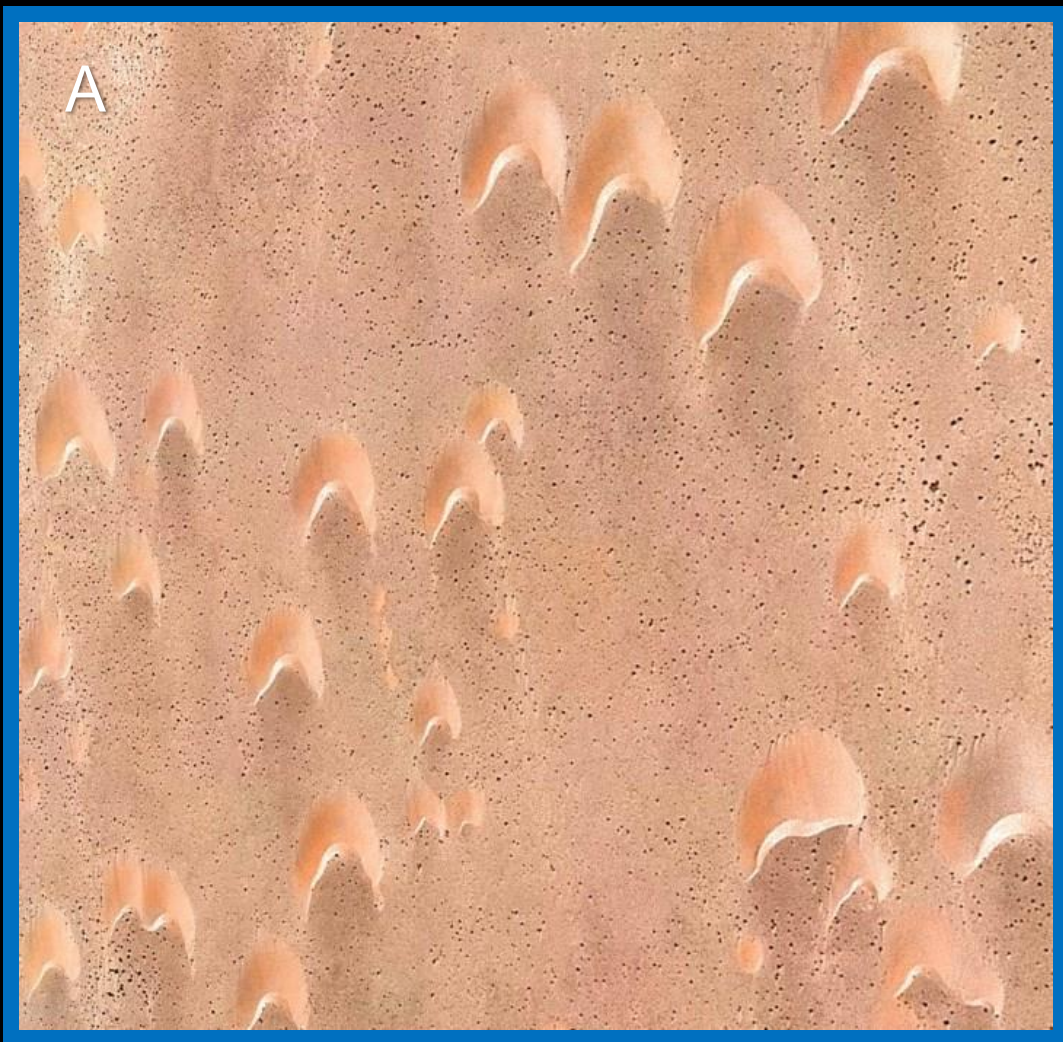
Barchan dunes, Mawrth Va



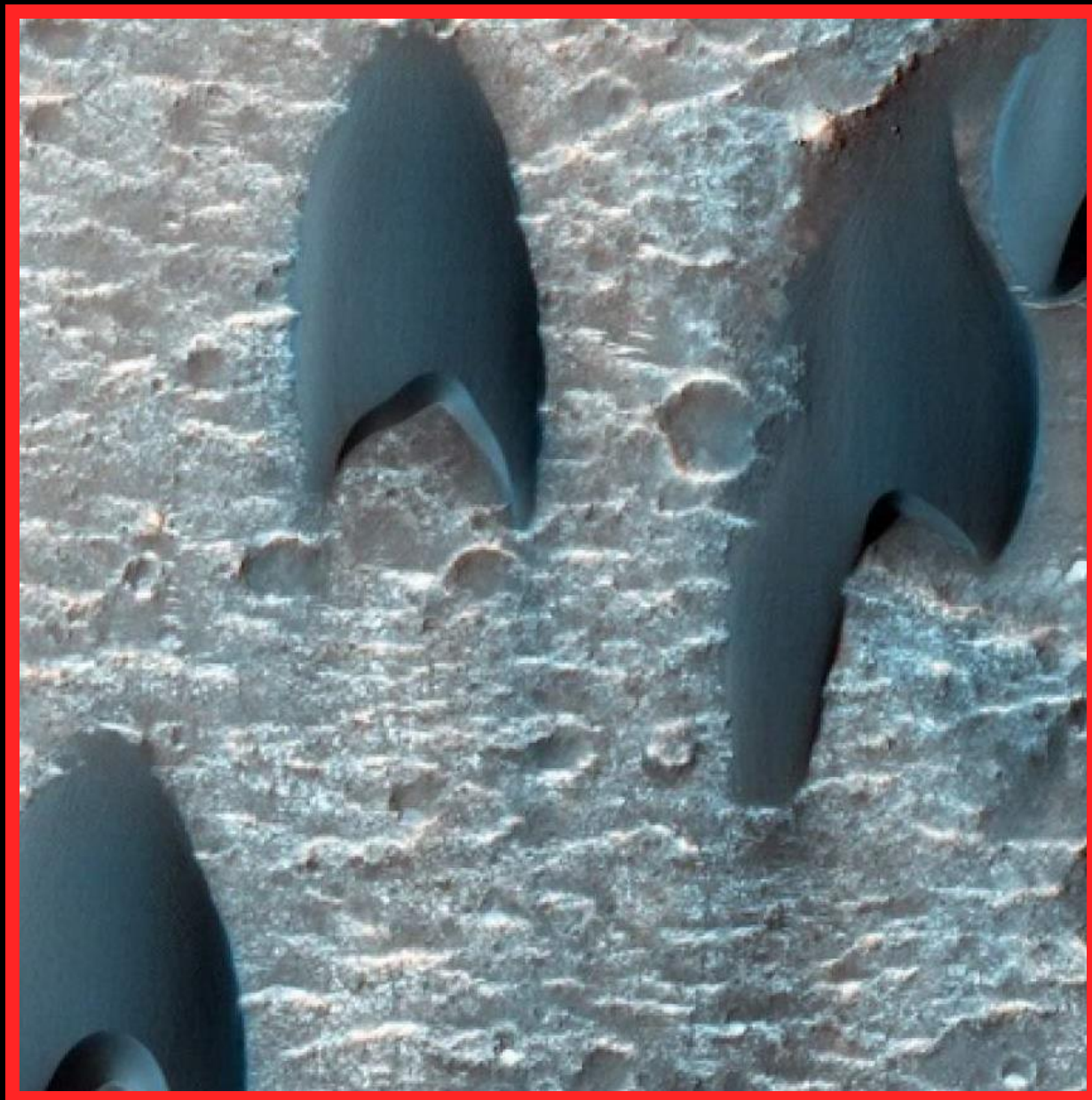


Barchan dunes, Mawrth Valley





Sahara Desert



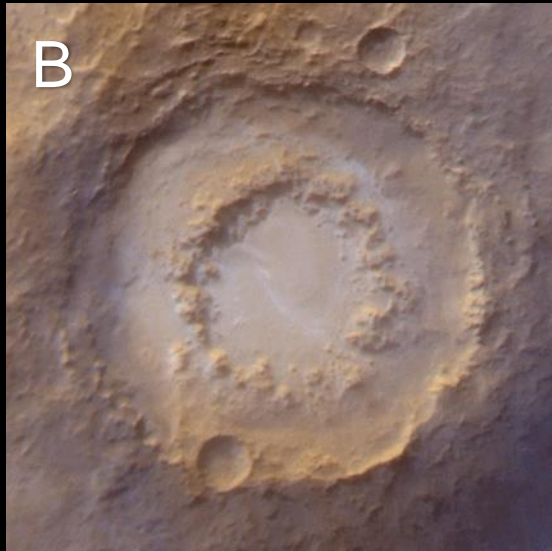
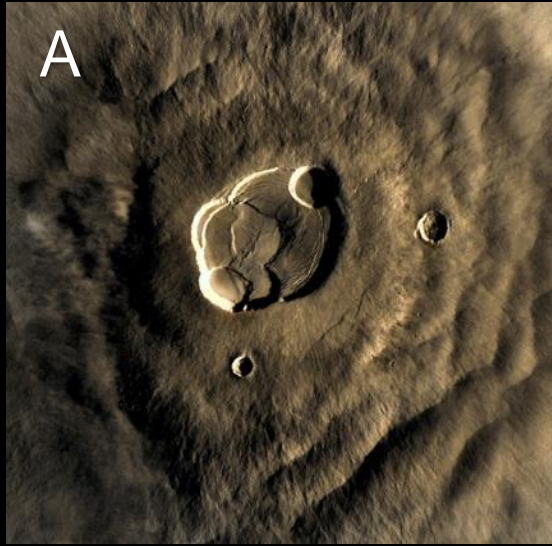
Barchan dunes, Mawrth Valley





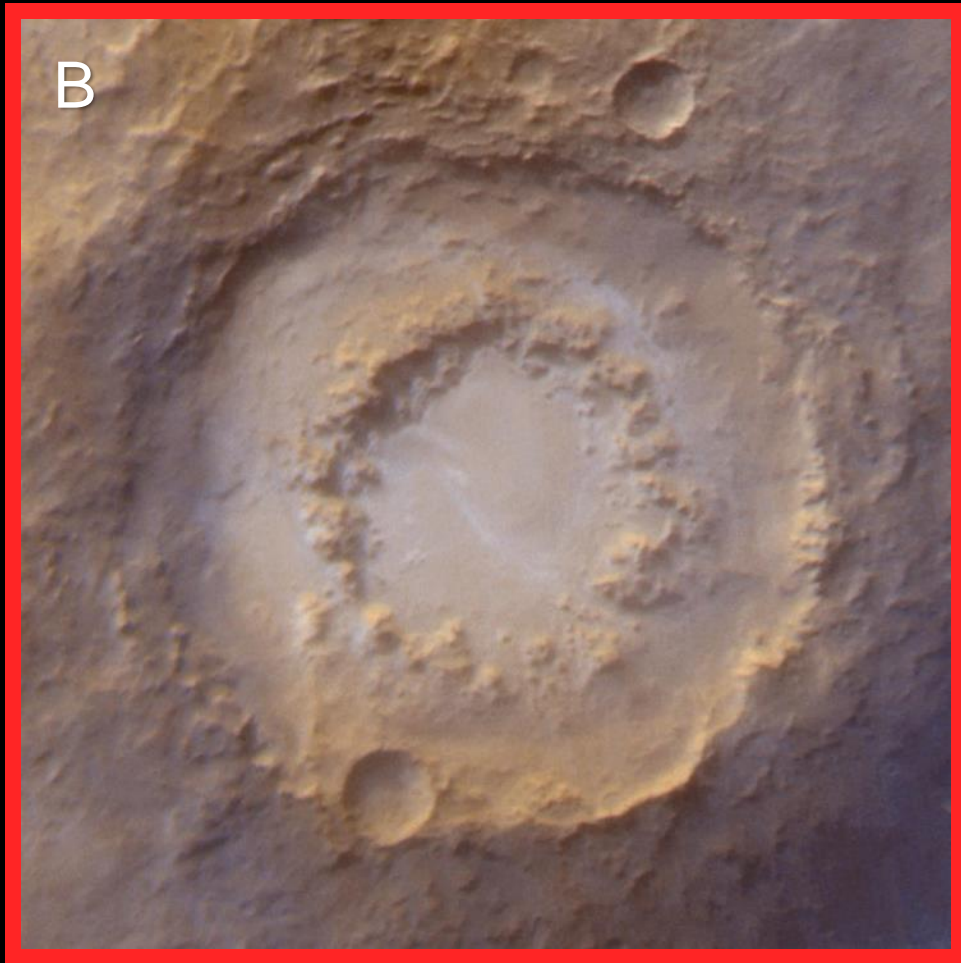
Aorounga impact crater, Chad





Aorounga impact crater, Chad





Lowell Crater

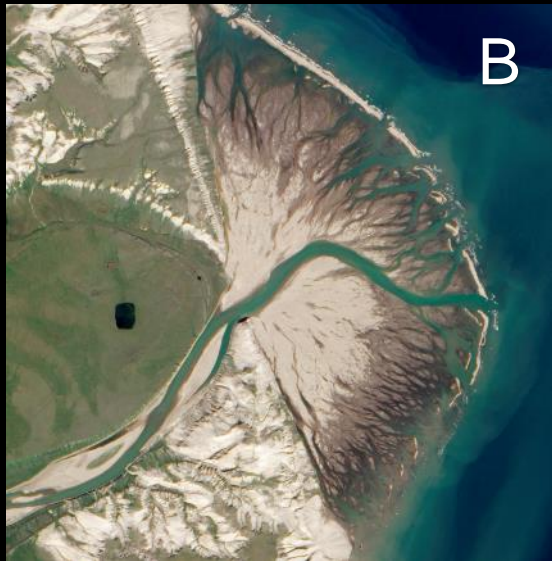
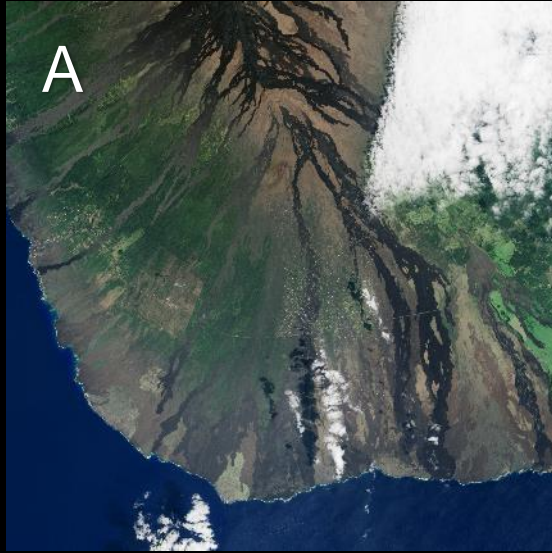


Aorounga impact crater, Chad



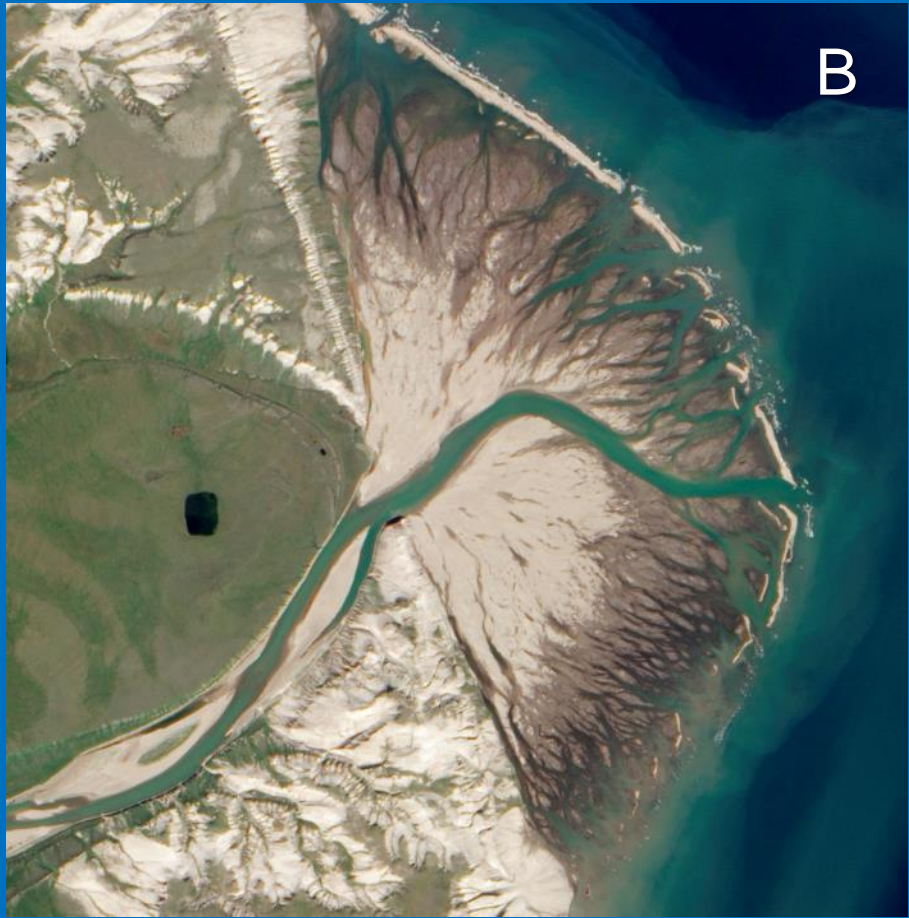


River Delta, Jezero Crater

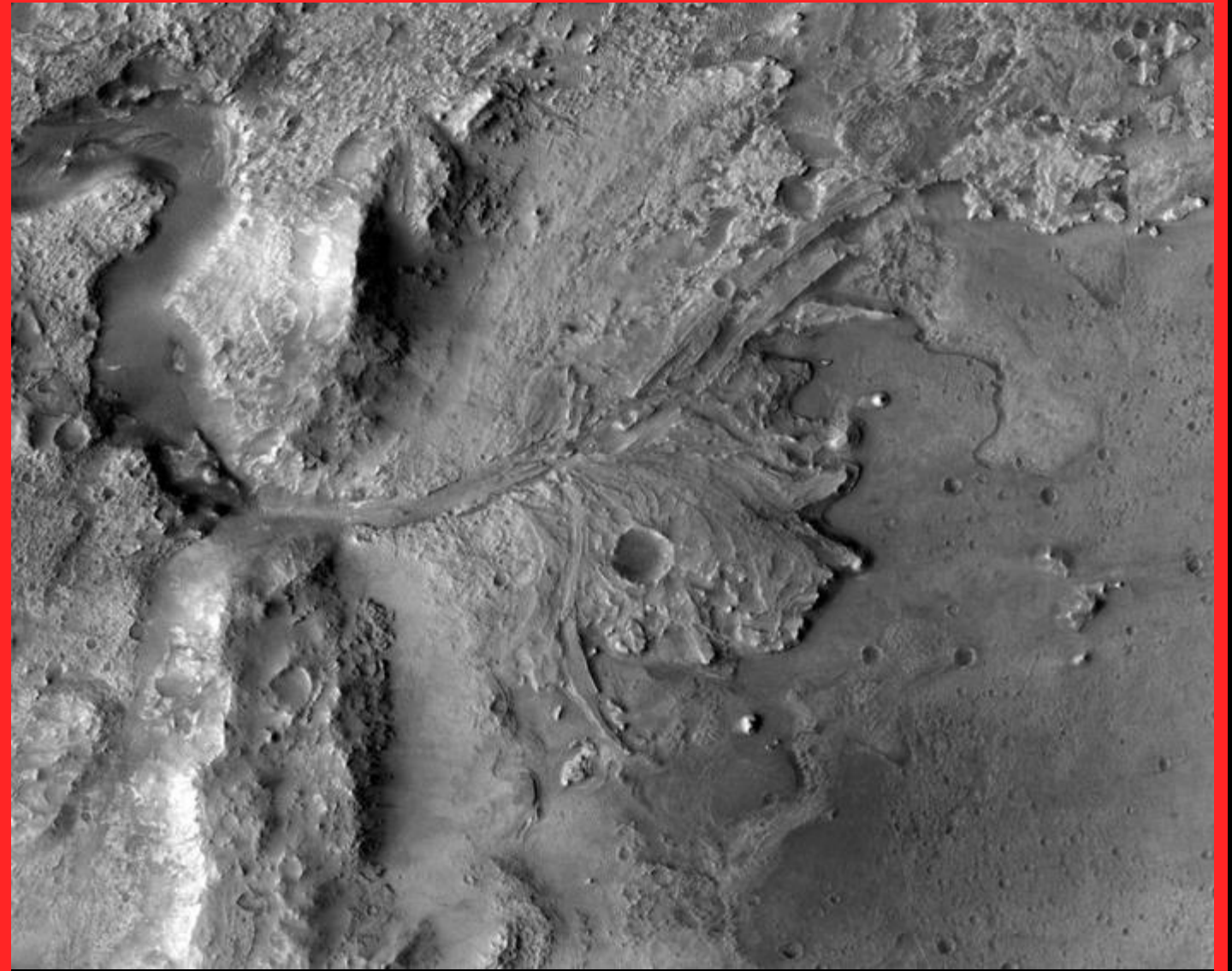


River Delta, Jezero Crater





Horton River Delta, Canada



River Delta, Jezero Crater

What is the name of the rover that will land in Jezero crater in 2021?

A. Perseverance

B. Curiosity

C. Spirit

What is the name of the rover that will land in Jezero crater in 2021?

A. Perseverance

B. Curiosity

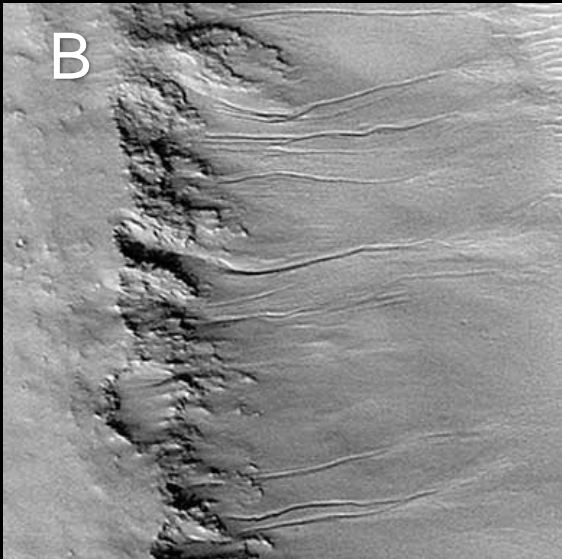
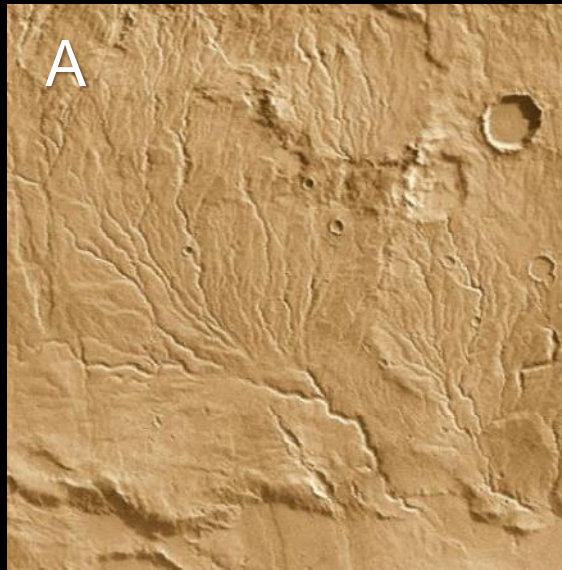
C. Spirit





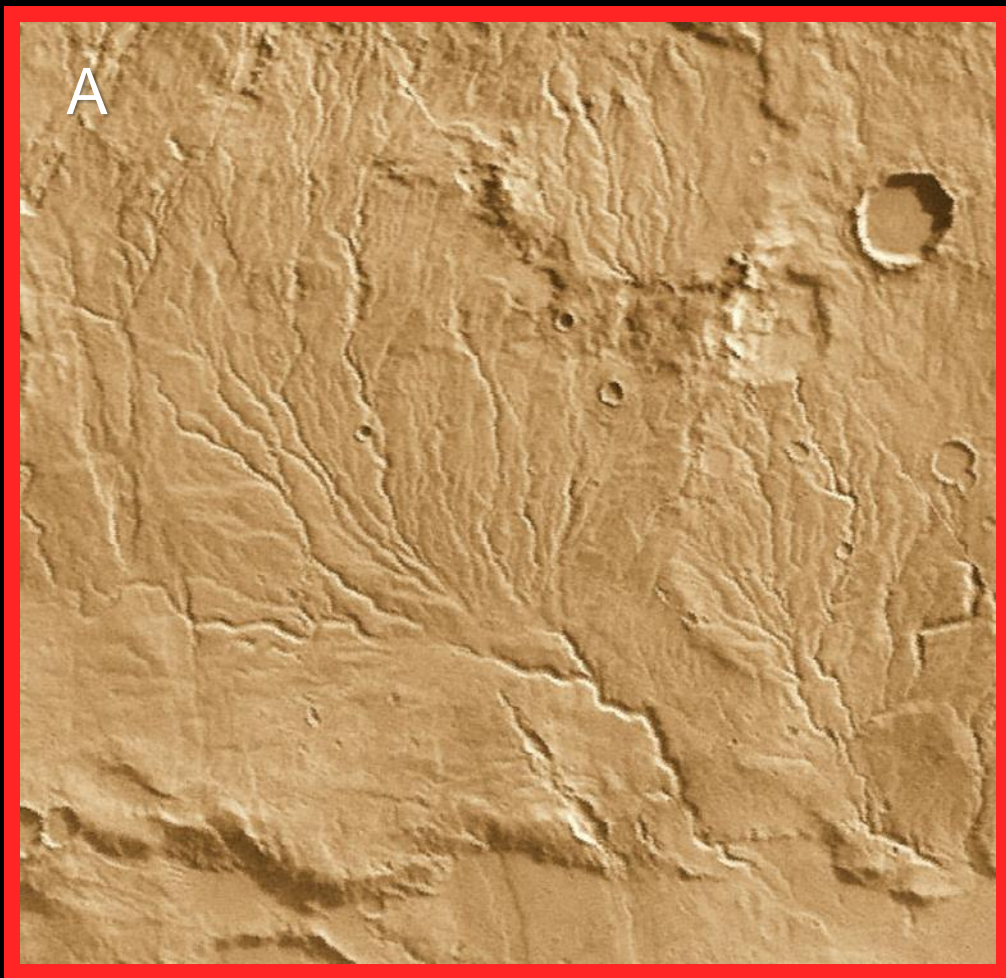
Amazon River Basin Network, South America





Amazon River Basin Network, South America



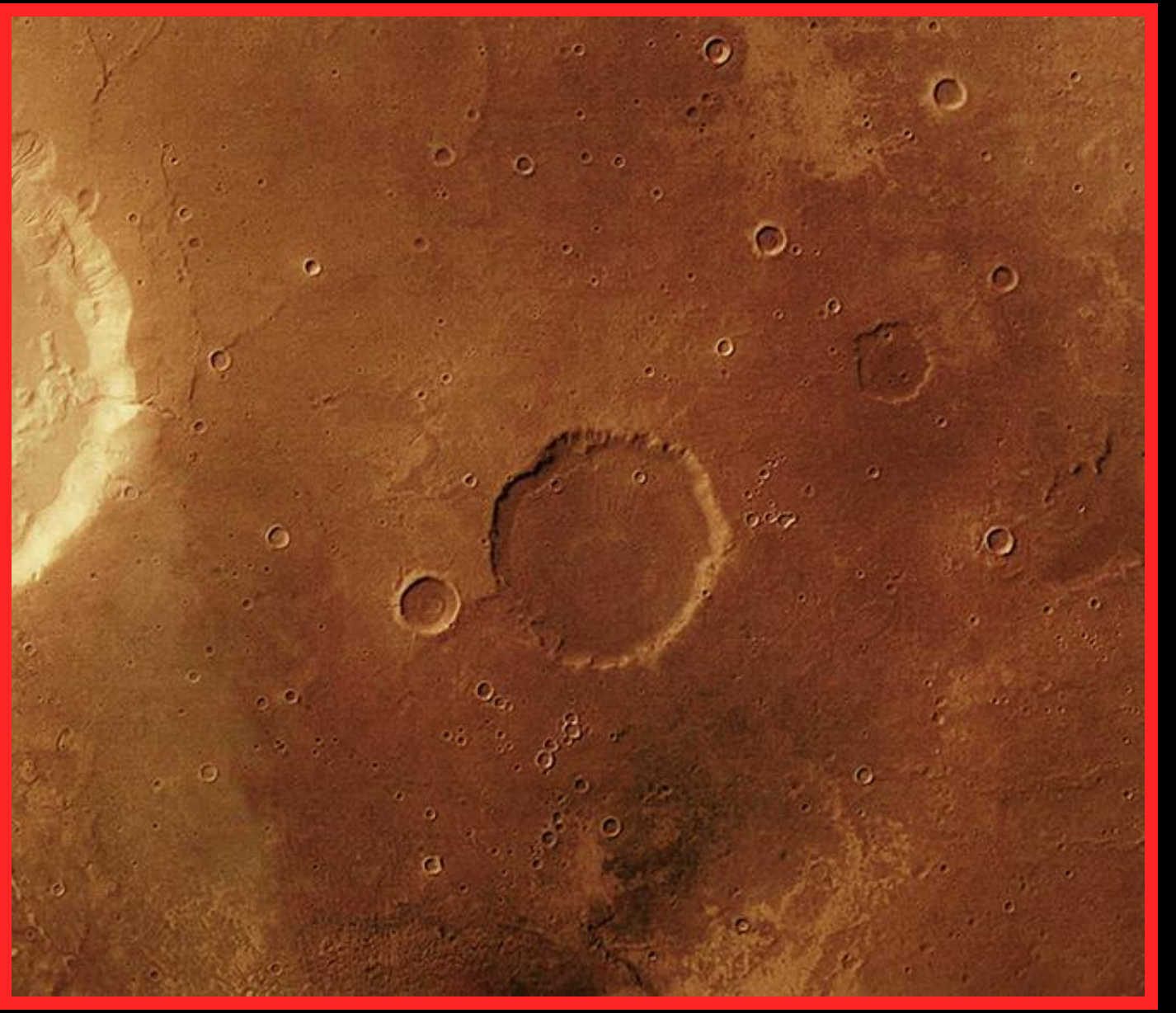


Warrego Valles

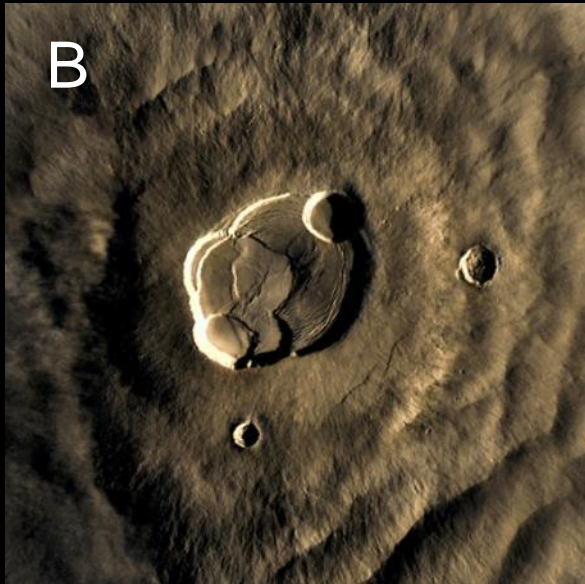


Amazon River Basin Network, South America





Unnamed impact crater, Arabia  
Terra



Unnamed impact crater, Arabia  
Terra



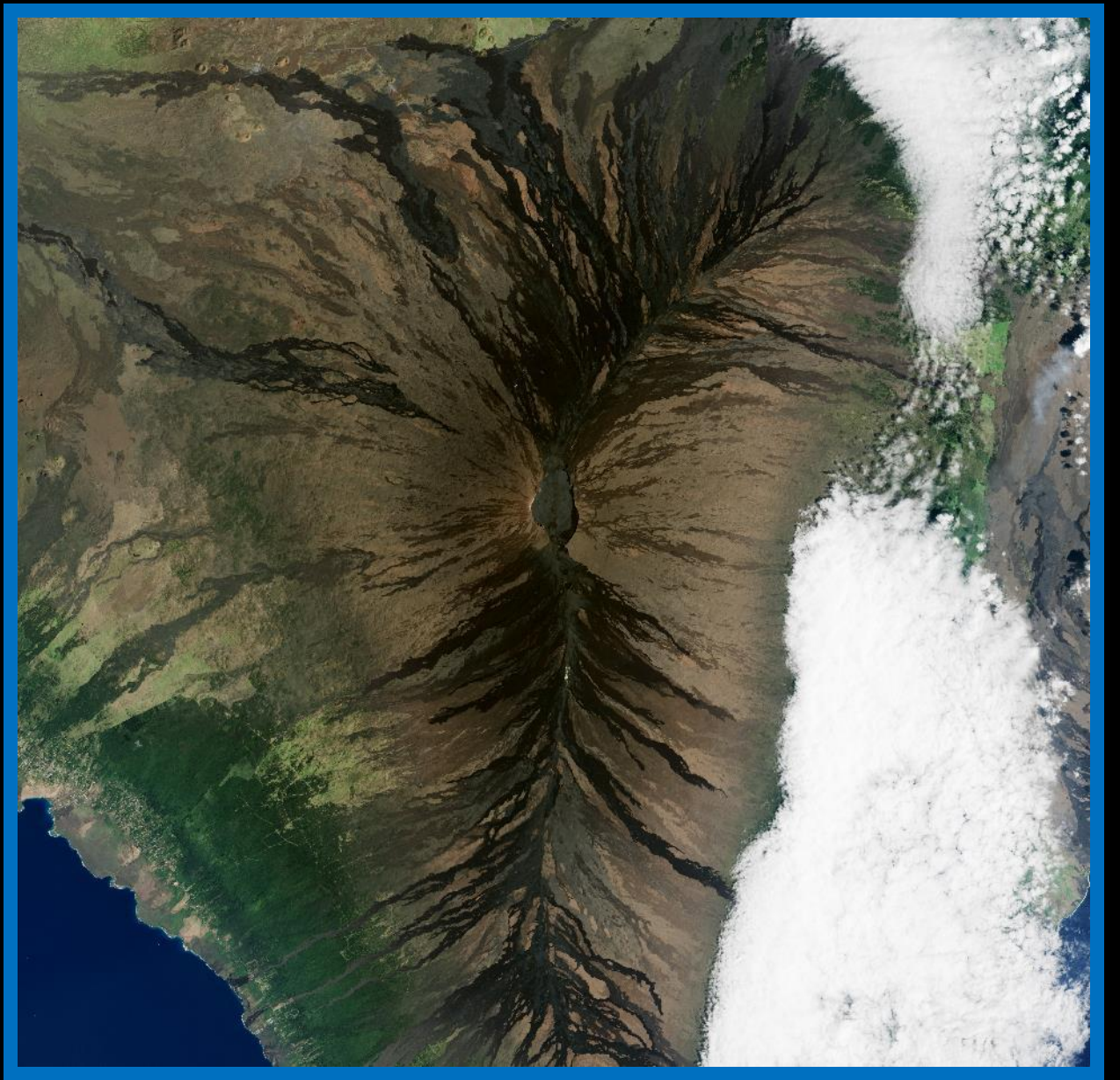


Tenoumer Crater,  
Mauritania



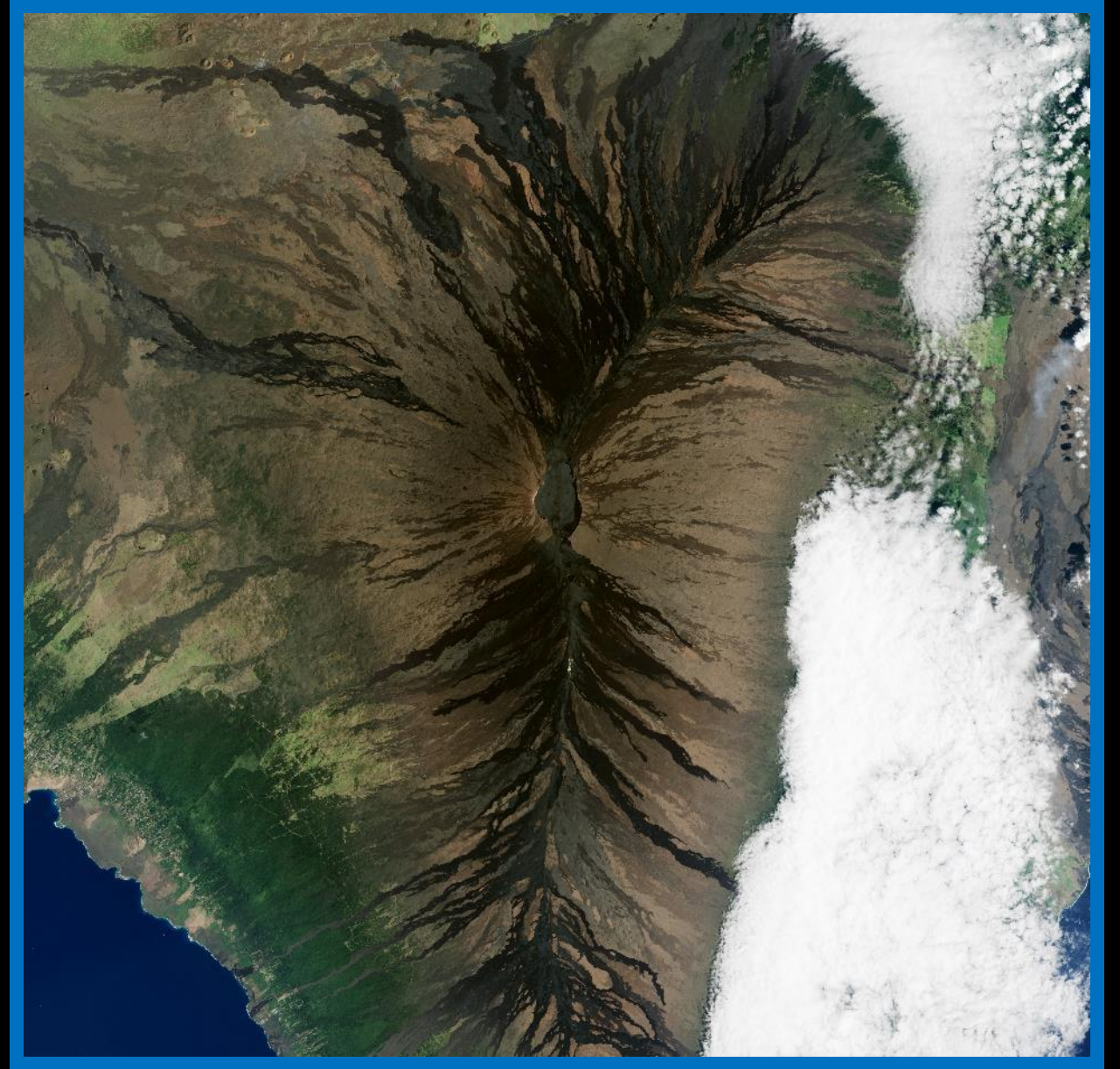
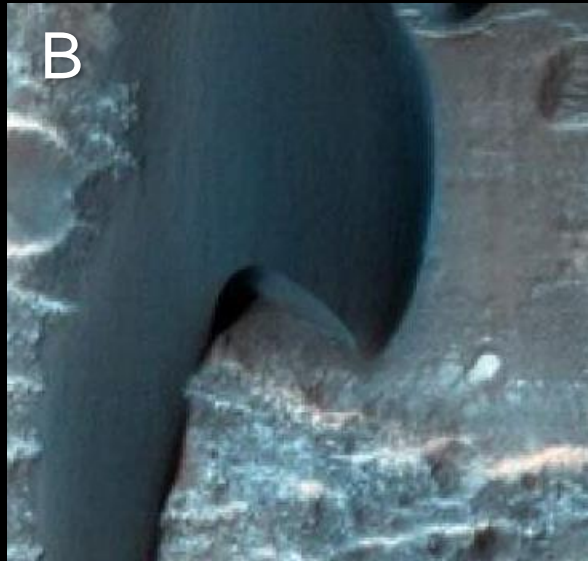
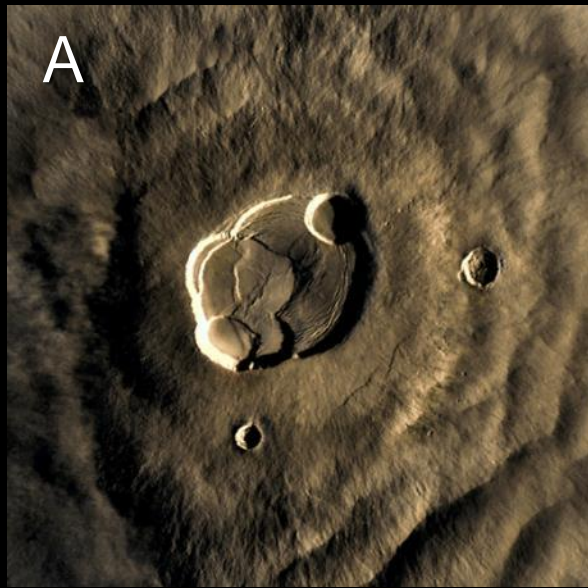
Unnamed impact crater, Arabia  
Terra





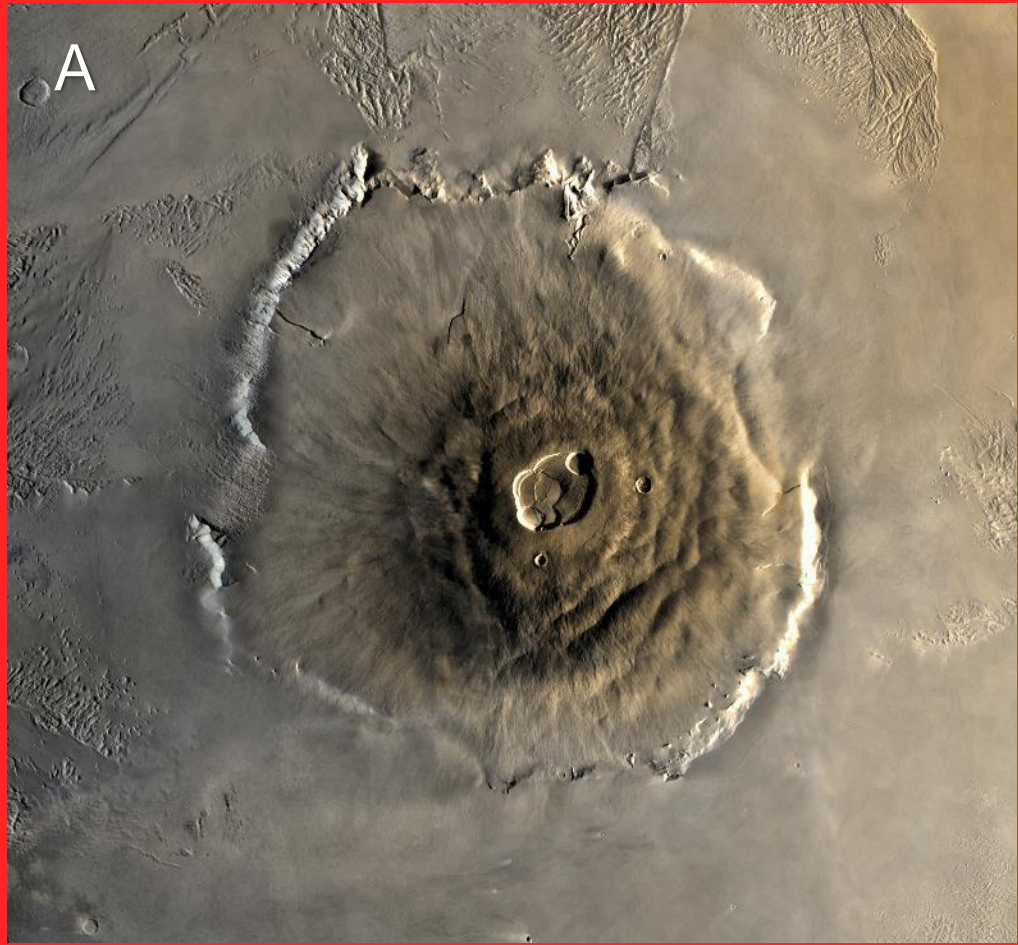
Shield Volcano, Mauna Kea,  
Hawaii



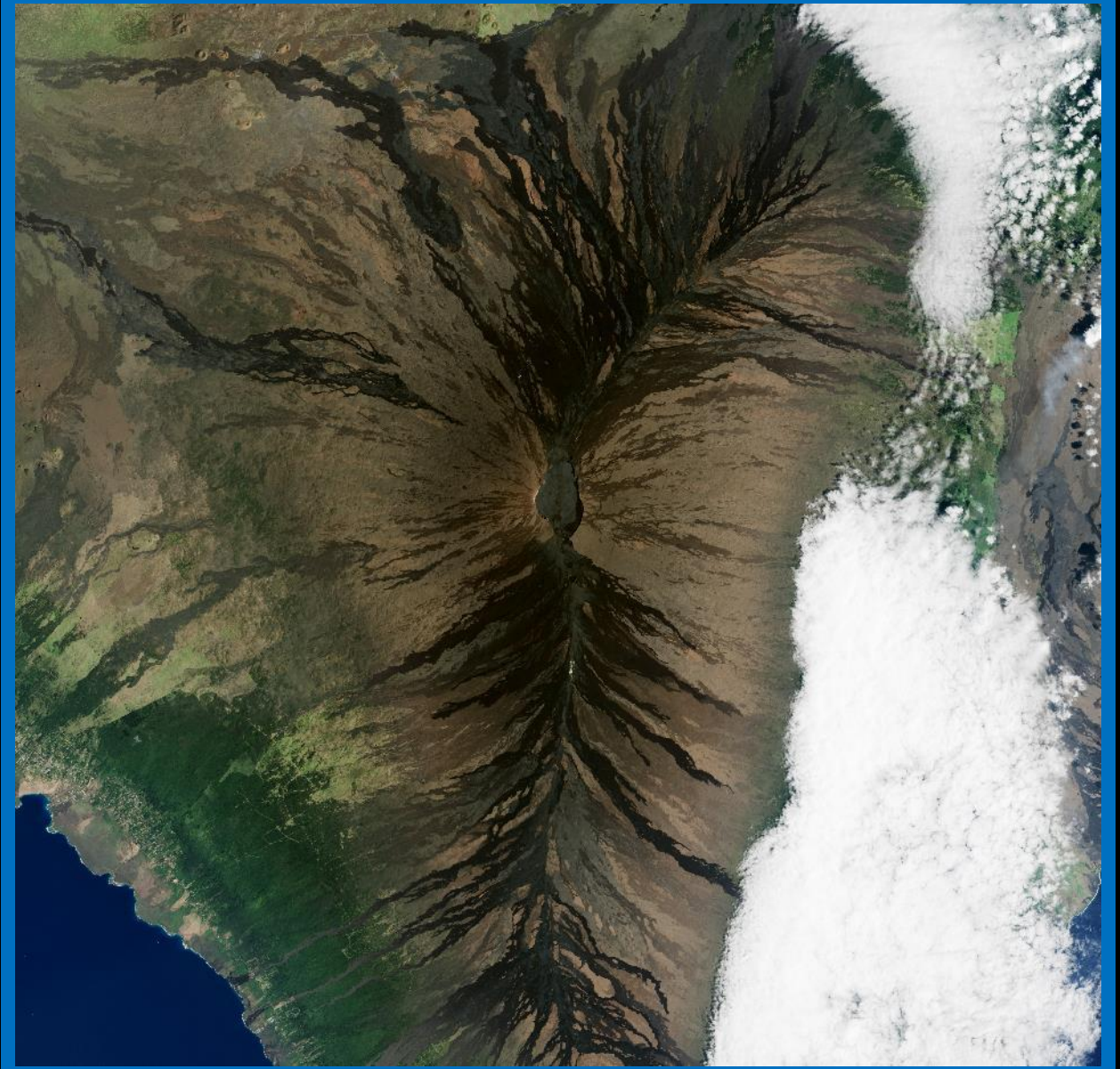


Shield Volcano, Mauna Kea,  
Hawaii





Olympus Mons



Shield Volcano, Mauna Kea,  
Hawaii

Which of the following is the tallest?

A. Mauna Kea

B. Mt. Everest

C. Olympus Mons



# Which of the following is the tallest?

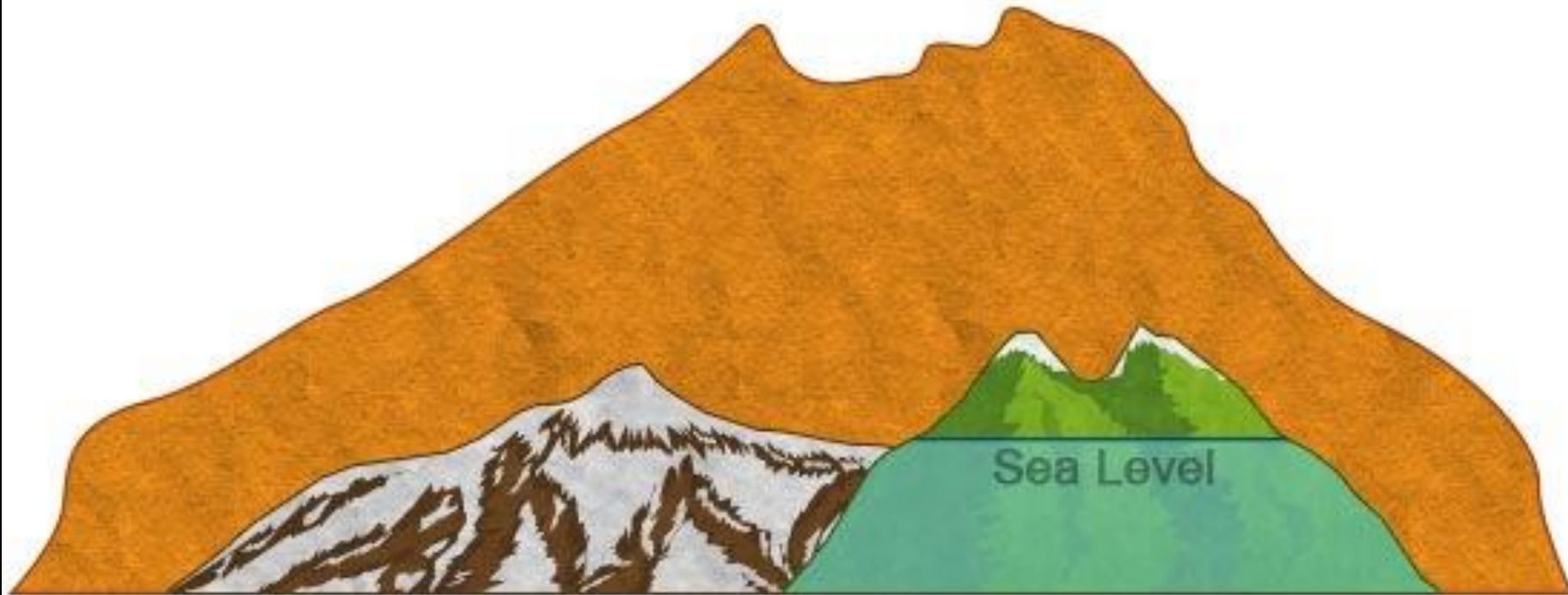
A. Mauna Kea

B. Mt. Everest

C. Olympus Mons

# Height Comparison of Olympus Mons With Mauna Kea and Mount Everest

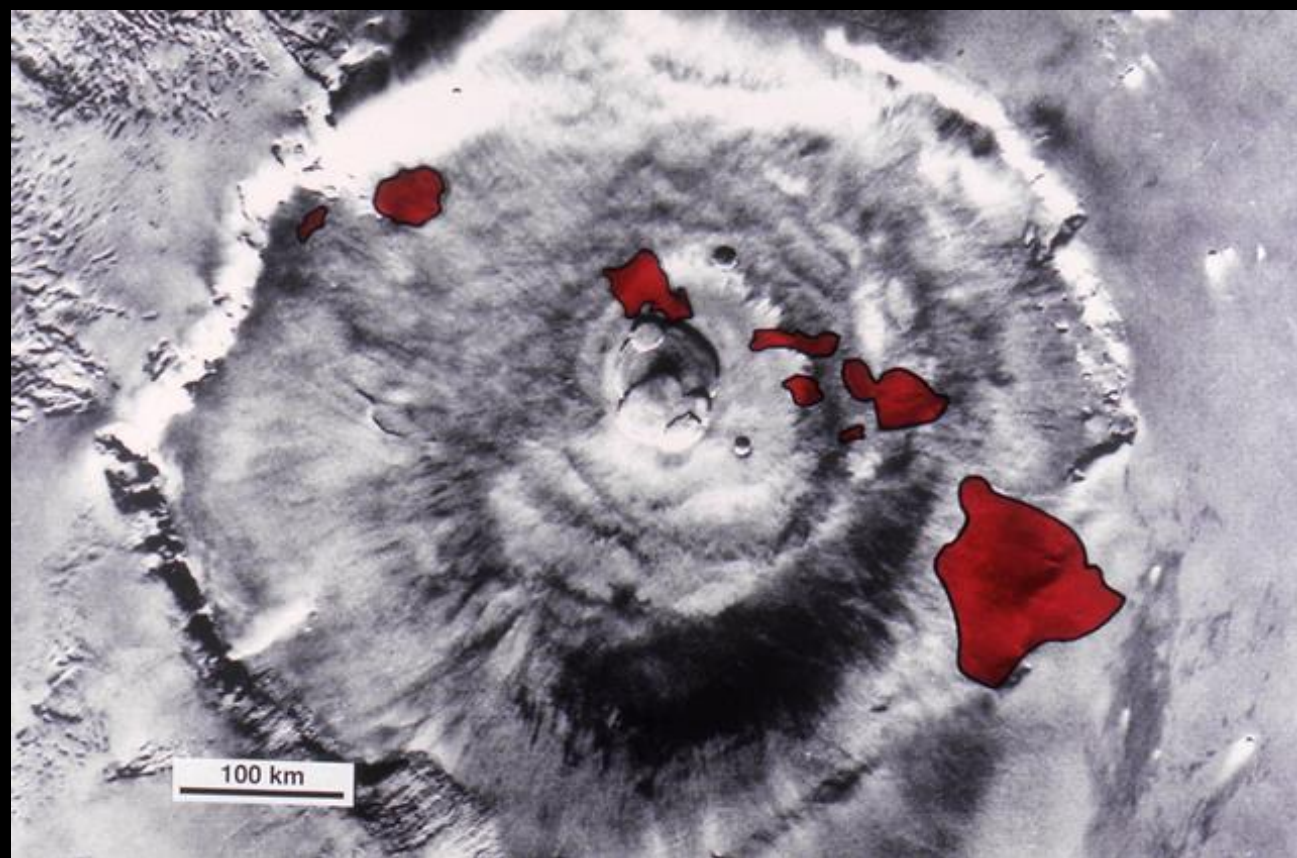
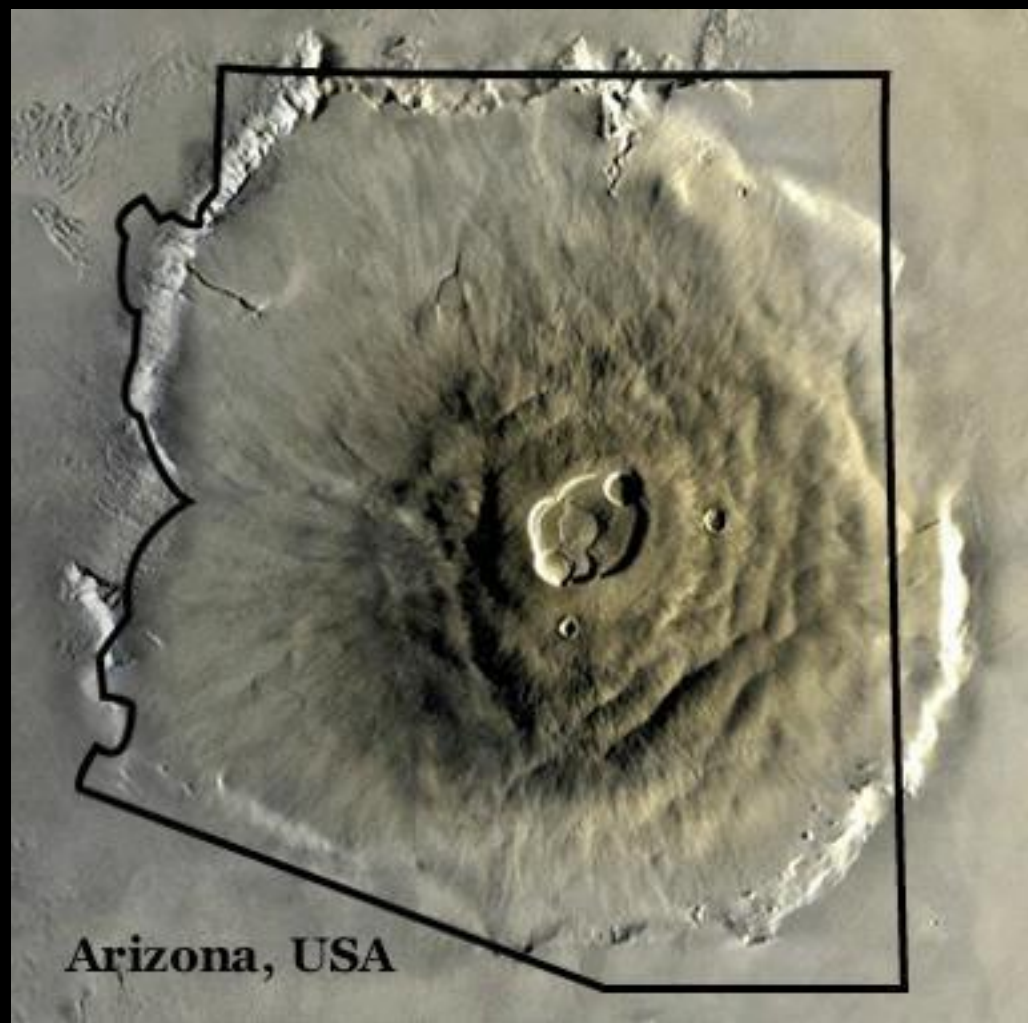
Olympus Mons - 14 mi



Everest - 5.5 mi

Mauna Kea - 6.33 mi

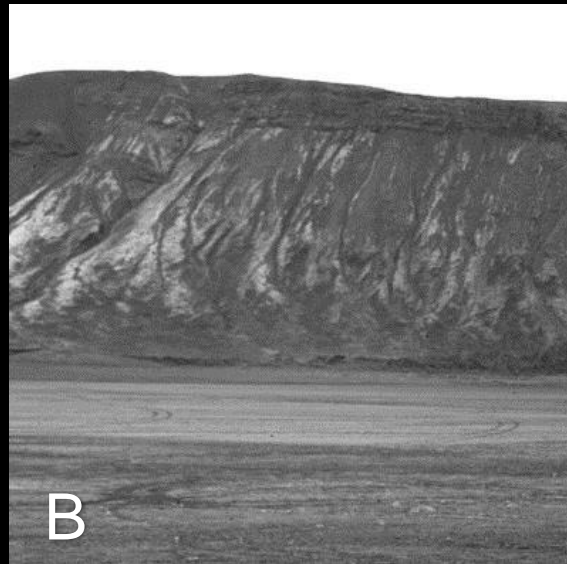
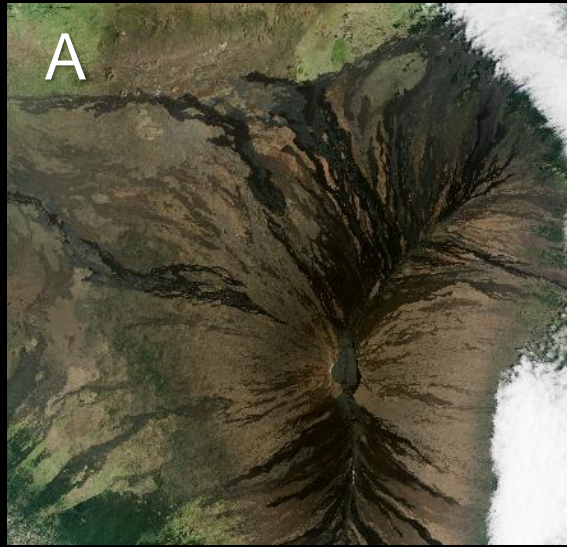




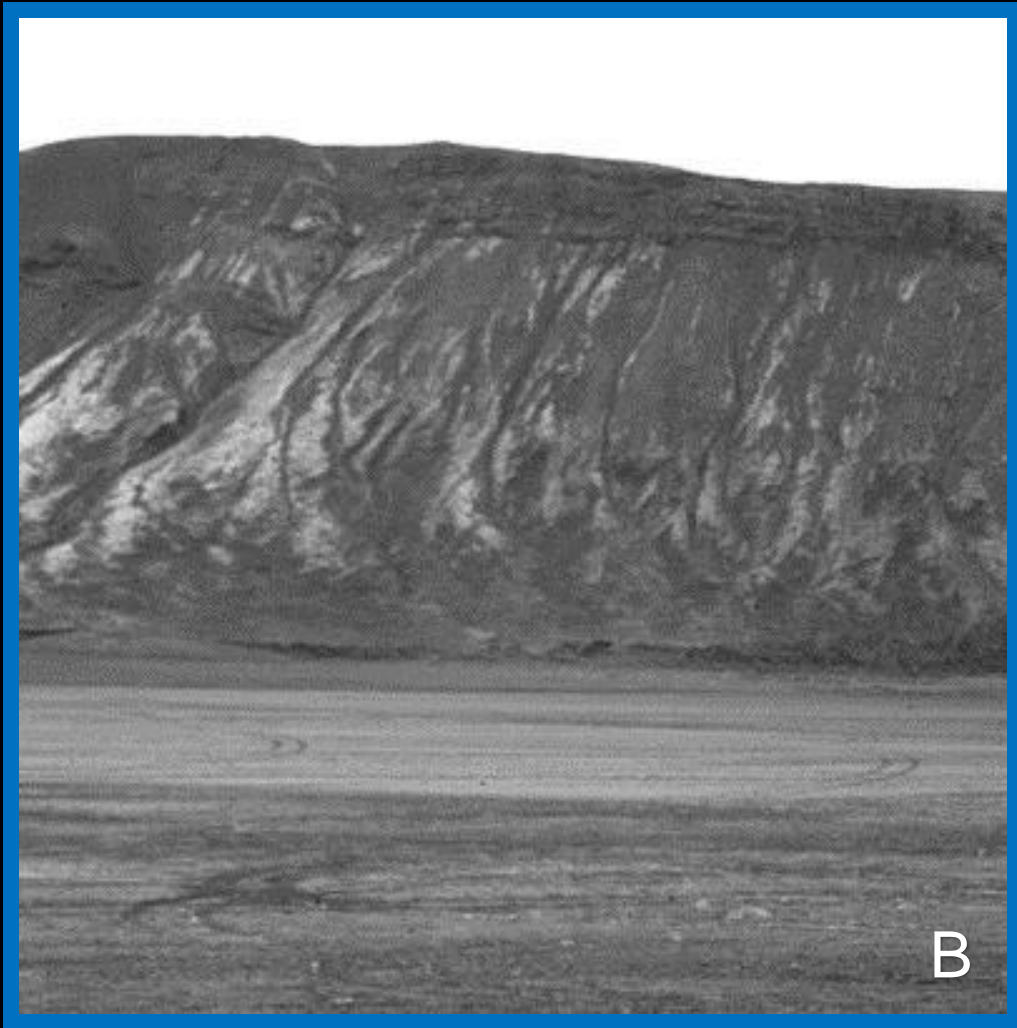


Gullies in the wall of Nirgal  
Valles





Gullies in the wall of Nirgal  
Valles



Iceland



Gullies in the wall of Nirgal  
Valles





Rift/Graben, Valles Marineris





Rift/Graben, Valles Marineris





Grabens, Afar region, Ethiopia



Rift/Graben, Valles Marineris

# About how long is Valles Marineris?

- A. As long as the Florida panhandle
- B. As long as the Rio Grande River
- C. As long as the width of the United States



# About how long is Valles Marineris?

A. As long as the Florida panhandle

B. As long as the Mississippi River

C. As long as the width of the United States

