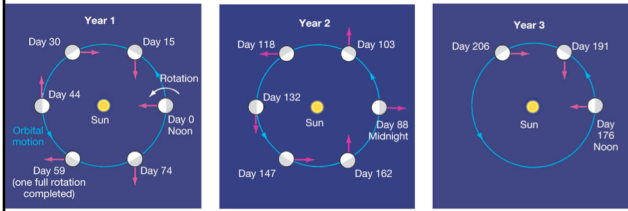


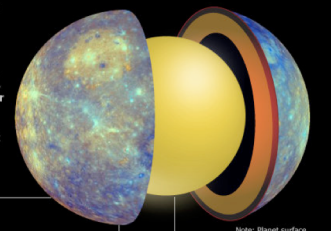
Mercury has a 3:2 spin:orbit resonance



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Inside Planet MERCURY

The planet nearest the sun has a diameter of 3,032 miles (4,879 kilometers), about two-fifths of Earth's diameter. Mercury has a spin-orbit resonance, rotating three times for every two revolutions around the Sun. A day on Mercury lasts about 59 Earth days.

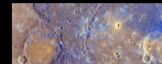


THIN ATMOSPHERE
Extremely small amount of helium, hydrogen, oxygen and sodium.

GRAVITY
0.38 OF EARTH



SURFACE CONDITIONS
AIR PRESSURE: None
TEMPERATURE: 840°F (450°C)
WINDS: None -125 °C night



The surface of Mercury photographed by the MESSENGER probe in 2008.

METAL CORE The planet's liquid iron core makes up about three-fourths of its radius.

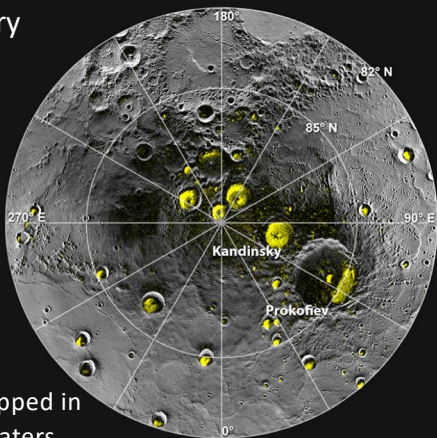


Mercury, 3,032 miles (4,879 km) in diameter, is slightly larger than the moon.

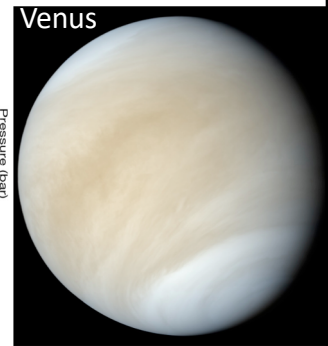
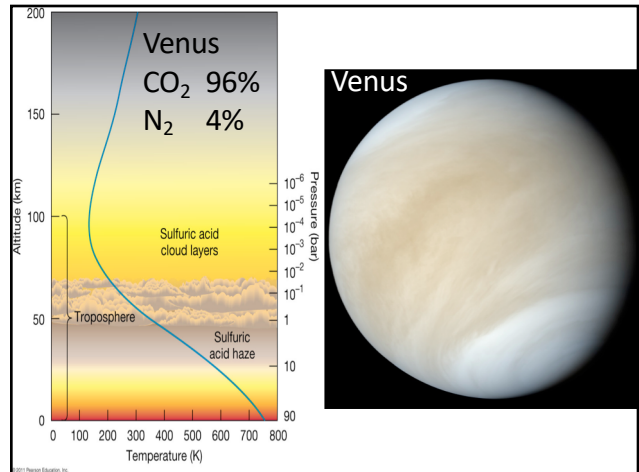
SOURCE: NASA

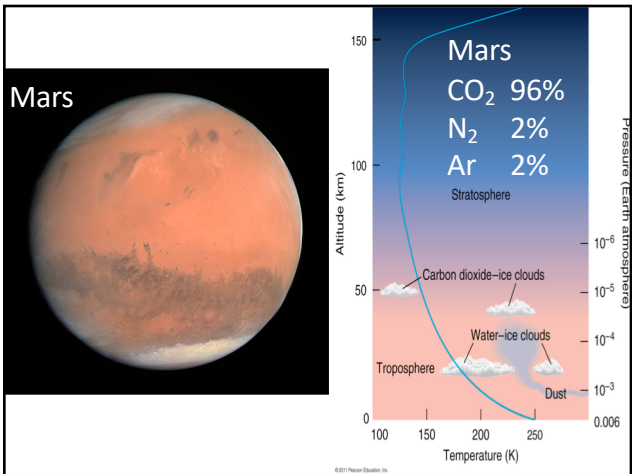
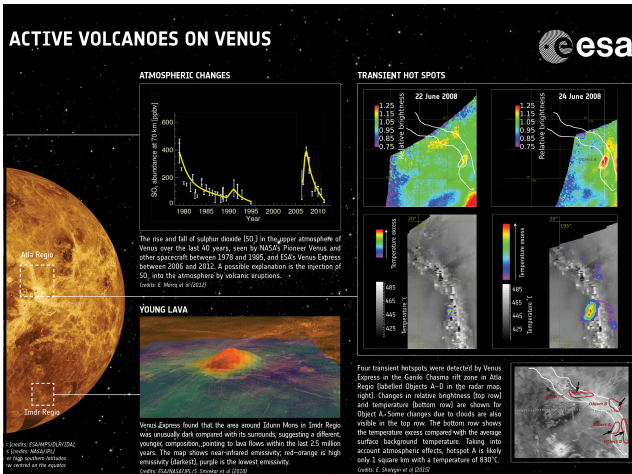
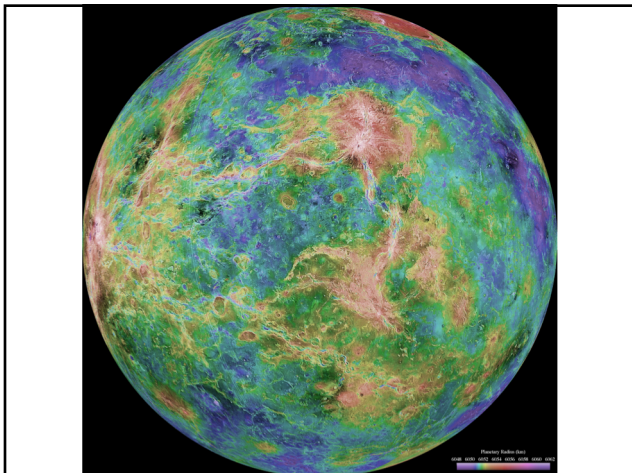
ROSS TORO, SPACE.com

Mercury

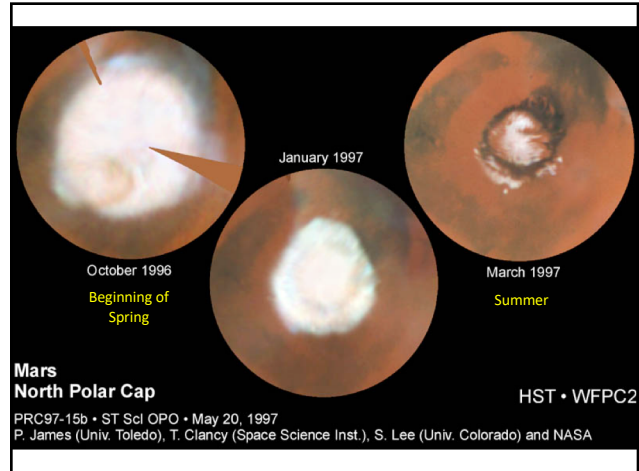
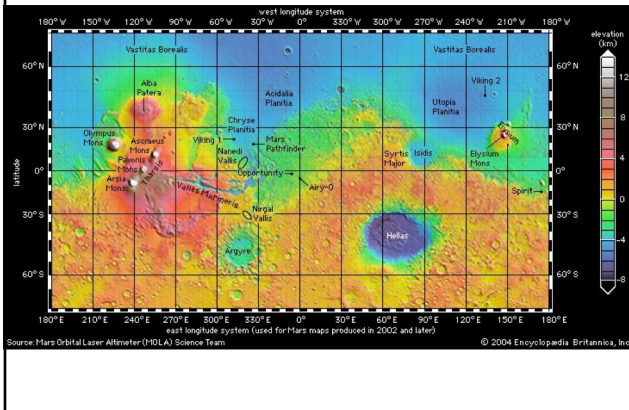


H₂O trapped in polar craters

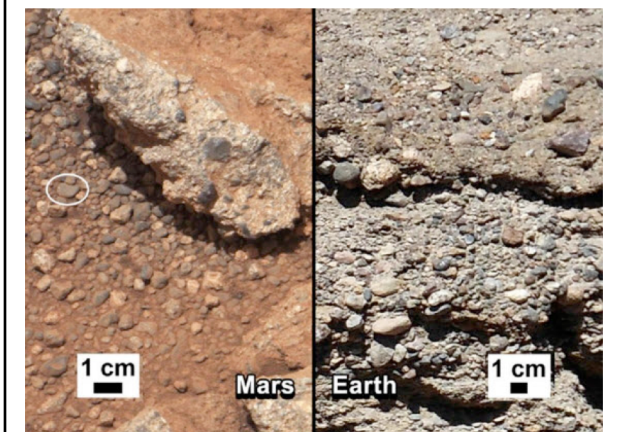




Elevation Map of Mars



Ancient Martian Streambed



Ancient River Delta

