

# Mission to Mars

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## Latest Mars News

### What's Mars Solar Conjunction, and Why Does It Matter?

NASA spacecraft at Mars are going to be on their own for a few weeks when the Sun comes between Mars and Earth, interrupting communications.

## Featured Mars Image

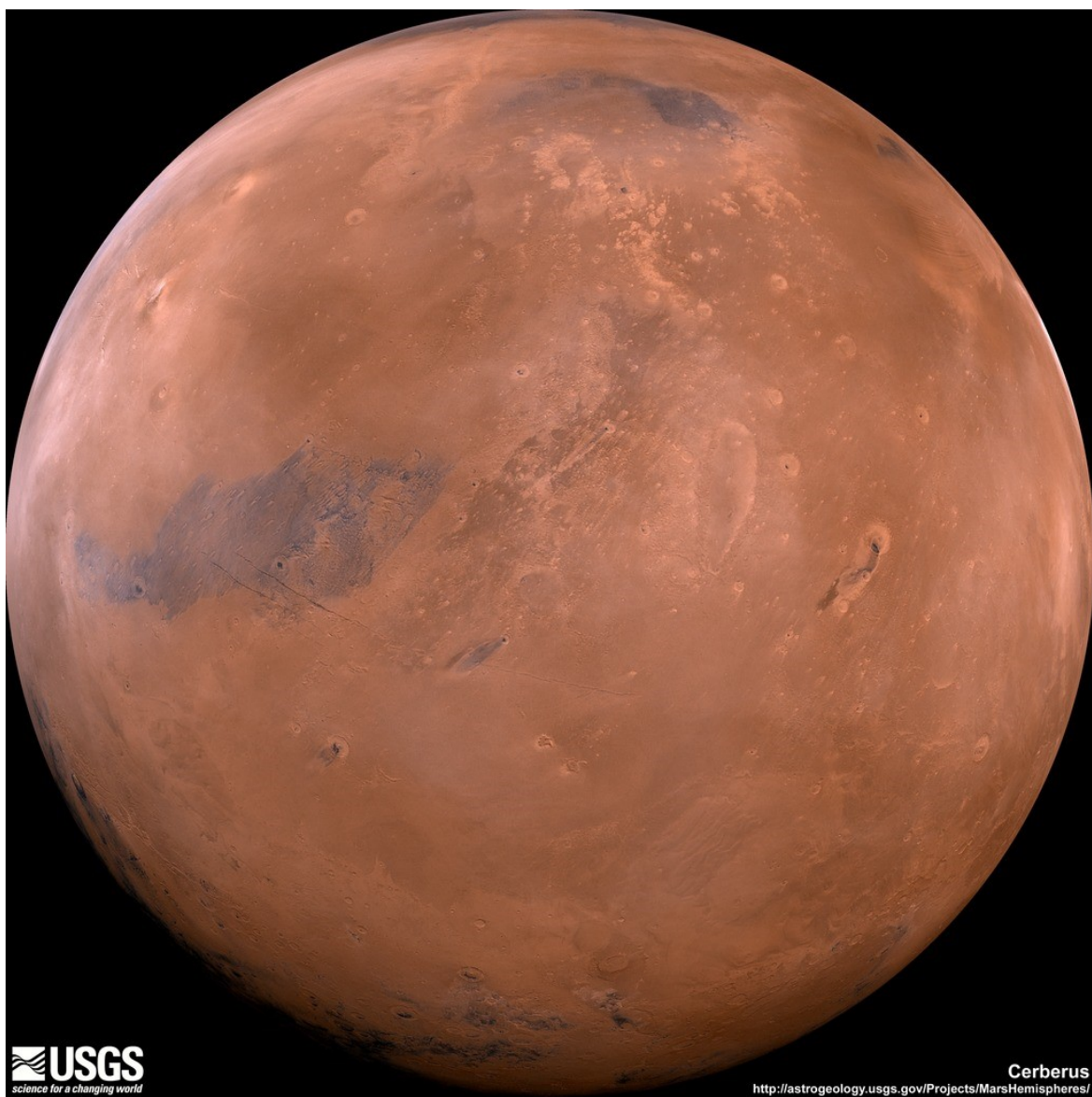


## Current Weather on Mars

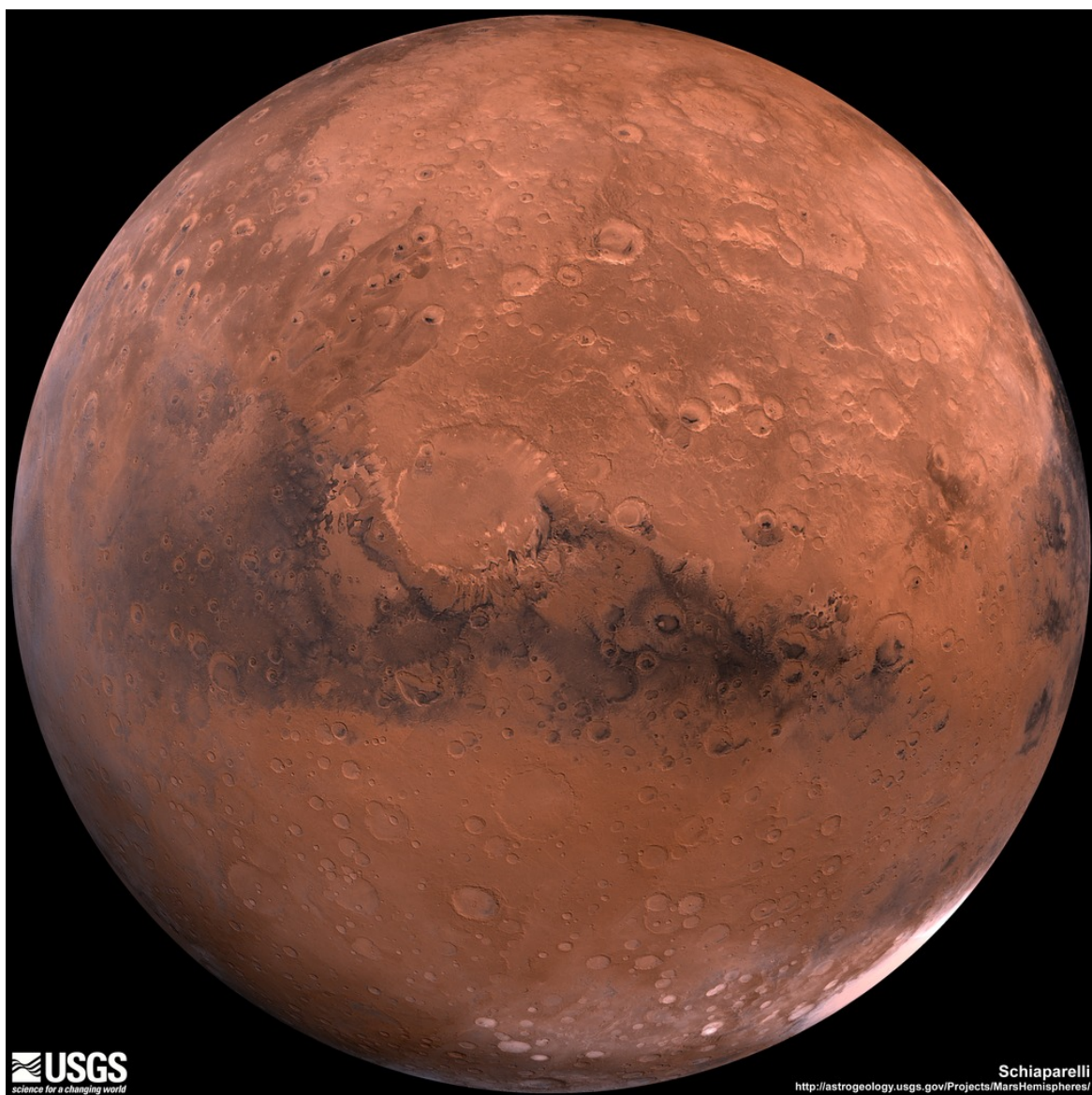
InSight sol 265 (2019-08-25) low -99.4°C (-146.9°F) high -26.3°C (-15.3°F) winds from the SSE at 5.3 m/s (12.0 mph) gusting to 16.1 m/s (35.9 mph) pressure at 7.50 hPa

## Mars Facts

Description	Value
Diameter:	6,779 km
Mass:	$6.39 \times 10^{23}$ kg
Moons:	2
Distance from Sun:	227,943,824 km
Length of Year:	687 Earth days
Temperature:	-153 to 20 °C

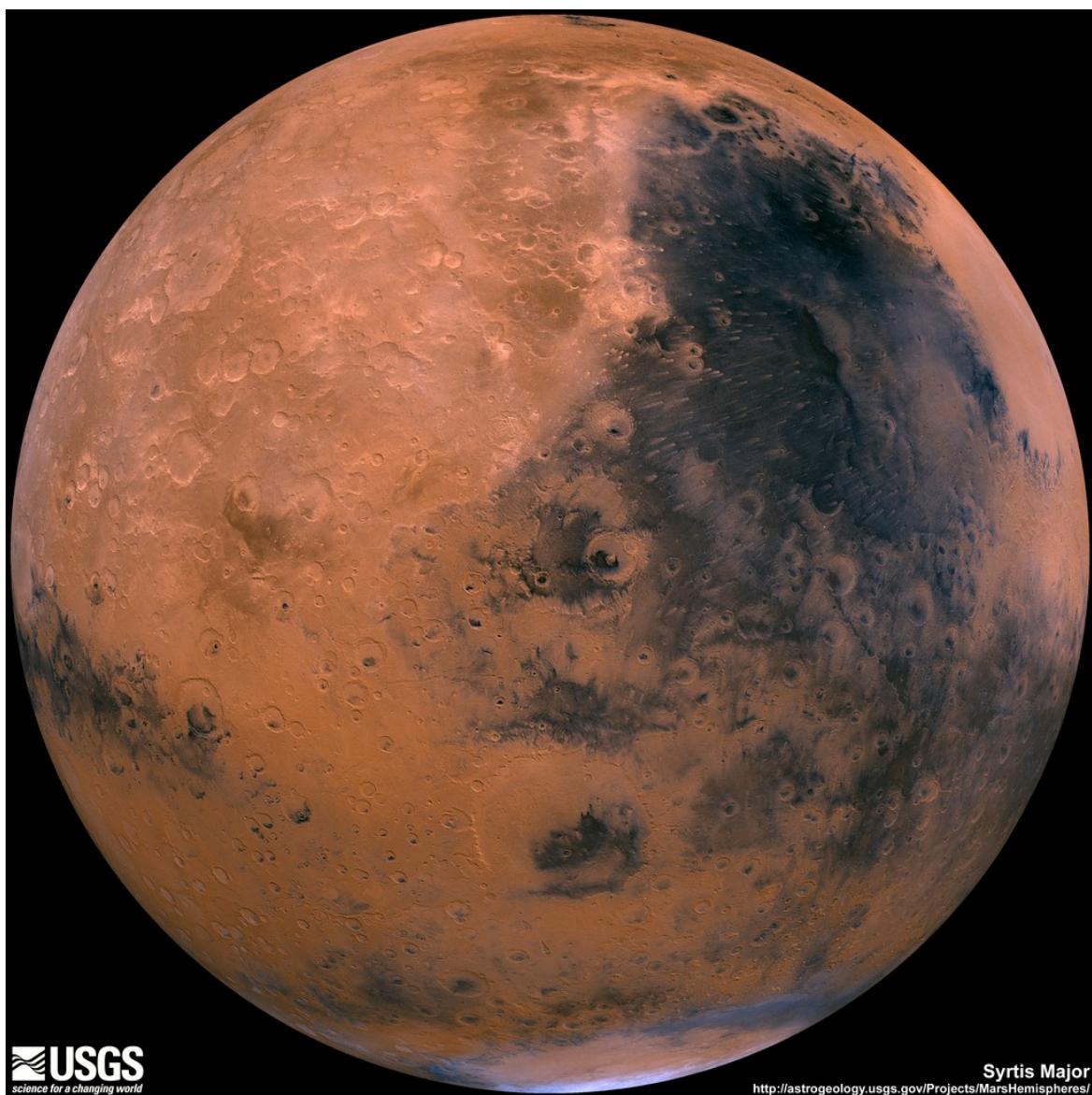


Cerberus Hemisphere Enhanced

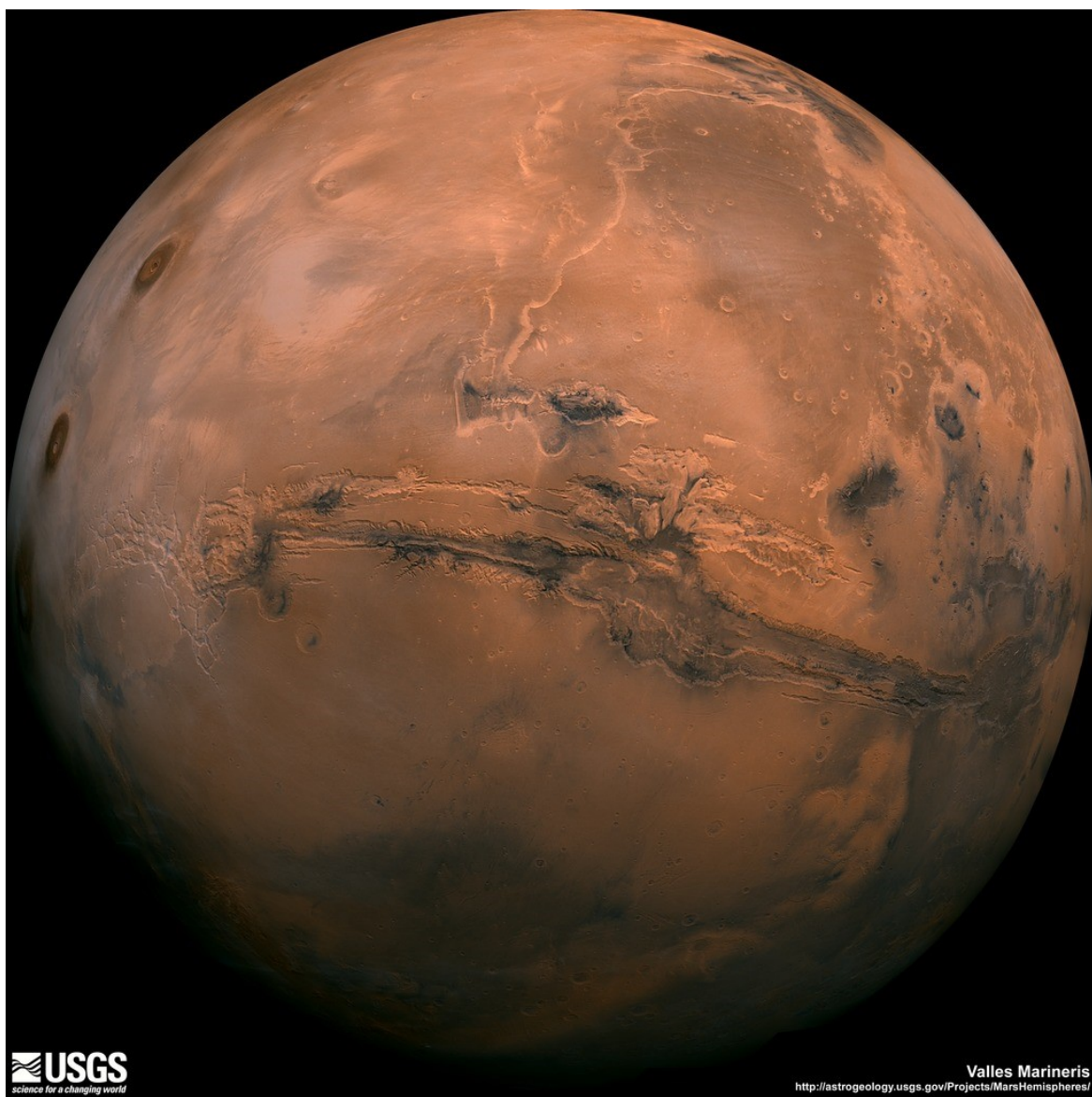


Schiaparelli Hemisphere Enhanced





Syrtis Major Hemisphere Enhanced



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<http://astrogeology.usgs.gov/Projects/MarsHemispheres/>

Valles Marineris Hemisphere Enhanced