

# Mission to Mars

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## Up-to-date Mars News

### What Does a Marsquake Look Like?

InSight scientists used a special "shake room" to demonstrate the differences between quakes on Earth, the Moon and Mars.

## Featured Mars Image

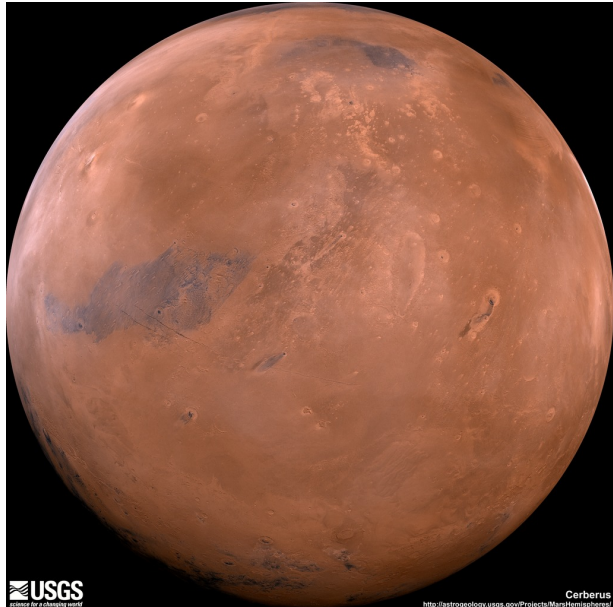


### Current Weather on Mars

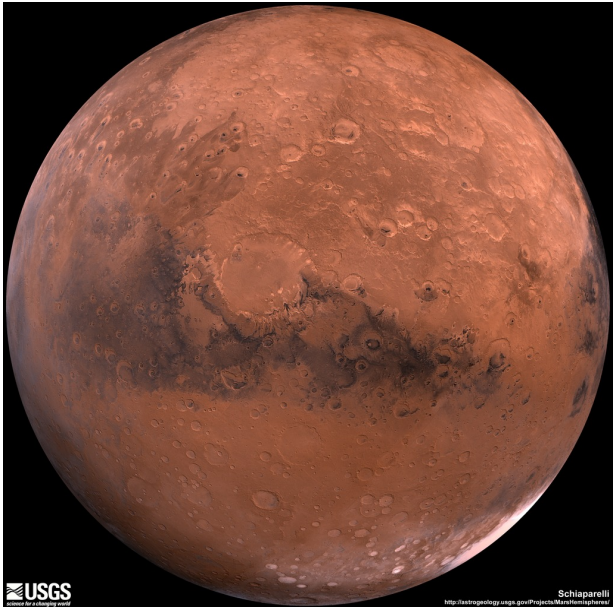
InSight sol 229 (2019-07-19) low -99.2°C (-146.6°F) high -24.7°C (-12.4°F) winds from the SW at 4.0 m/s (9.0 mph) gusting to 14.8 m/s (33.0 mph) pressure at 7.60 hPa [pic.twitter.com/WEjGzvCEhb](https://twitter.com/WEjGzvCEhb)

## Mars Facts

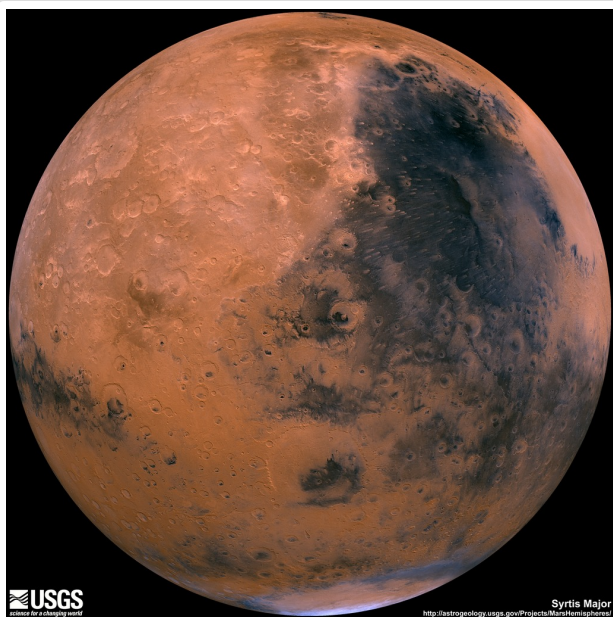
Diameter:	6,779 km	12,742 km
Mass:	$6.39 \times 10^{23}$ kg	$5.97 \times 10^{24}$ kg
Moons:	2	1
Distance from Sun:	227,943,824 km	149,598,262 km
Length of Year:	687 Earth days	365.24 days
Temperature:	-153 to 20 °C	-88 to 58°C



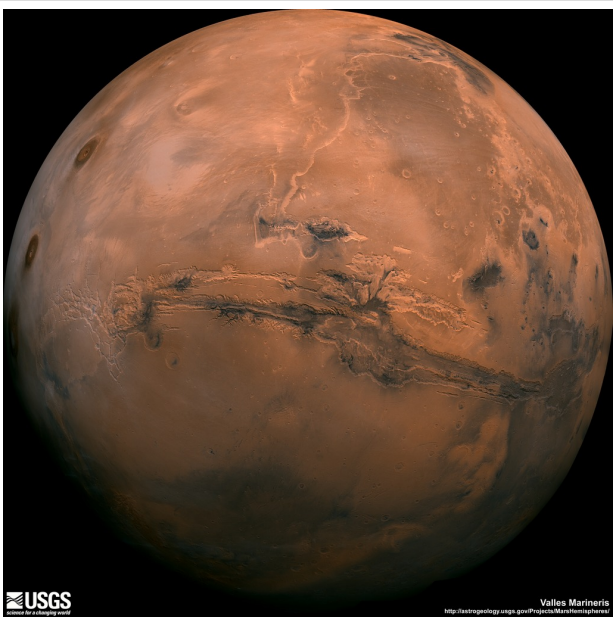
Cerberus Hemisphere Enhanced



Schiaparelli Hemisphere Enhanced



Syrtis Major Hemisphere Enhanced



Valles Marineris Hemisphere Enhanced