

Mission to Mars

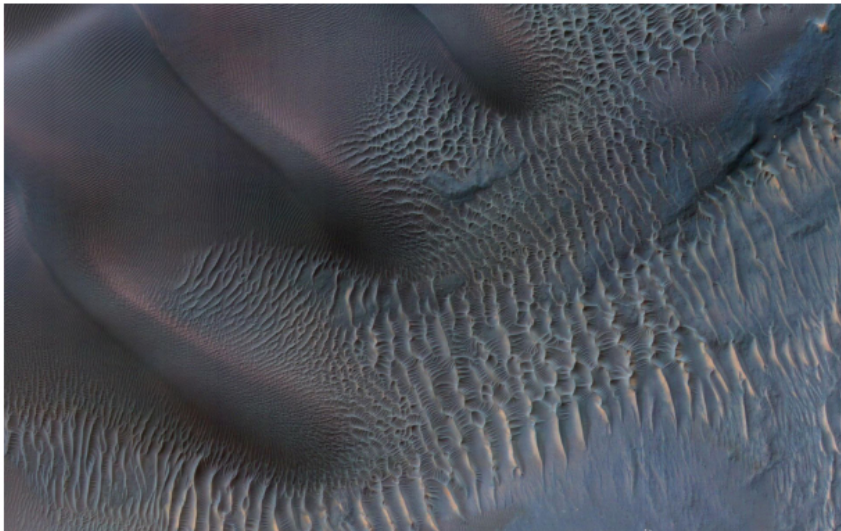
Scrape New Data

Latest Mars News

For InSight, Dust Cleanings Will Yield New Science

Wind can be crucial to clearing dust from spacecraft solar panels on Mars. With InSight's meteorological sensors, scientists get their first measurements of wind and dust interacting "live" on the Martian surface.

Featured Mars Image



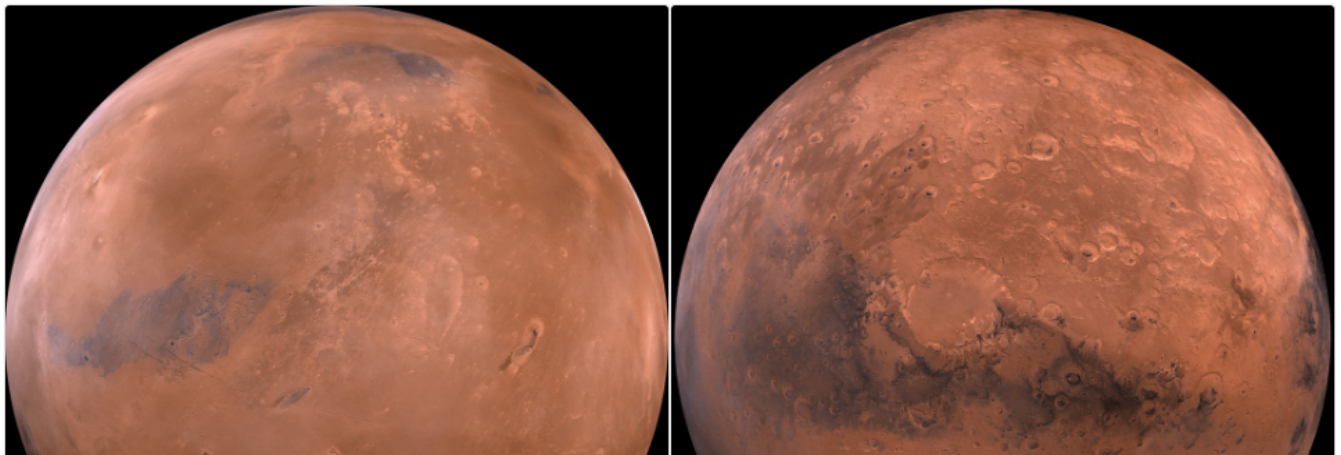
Current Weather on Mars

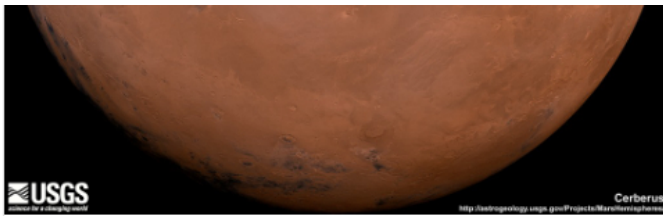
InSight sol 156 (2019-05-05) low -99.2°C (-146.6°F) high -18.1°C (-0.6°F) winds from the SW at 4.7 m/s (10.5 mph) gusting to 13.8 m/s (30.8 mph) pressure at 7.40 hPa

Mars Facts

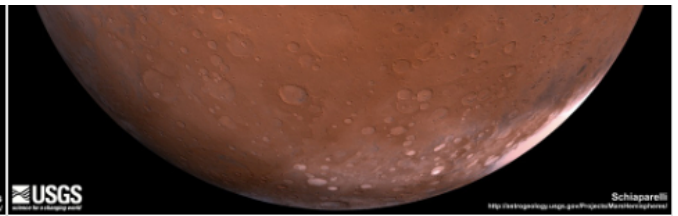
| Category | Facts |
|----------------------|------------------------------------------|
| Equatorial Diameter: | 6,792 km |
| Polar Diameter: | 6,752 km |
| Mass: | 6.42 x 10 ²³ kg (10.7% Earth) |
| Moons: | 2 (Phobos & Deimos) |
| Orbit Distance: | 227,943,824 km (1.52 AU) |
| Orbit Period: | 687 days (1.9 years) |
| Surface Temperature: | -153 to 20 °C |
| First Record: | 2nd millennium BC |
| Recorded By: | Egyptian astronomers |

Mars Hemispheres

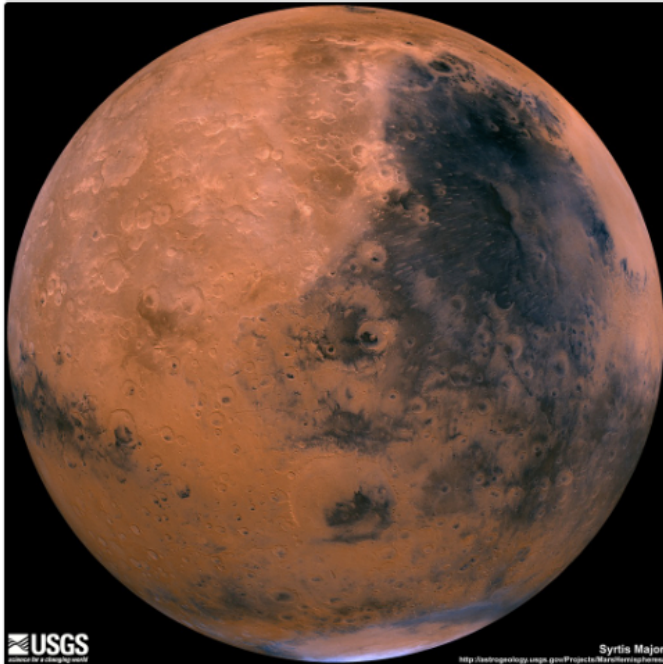




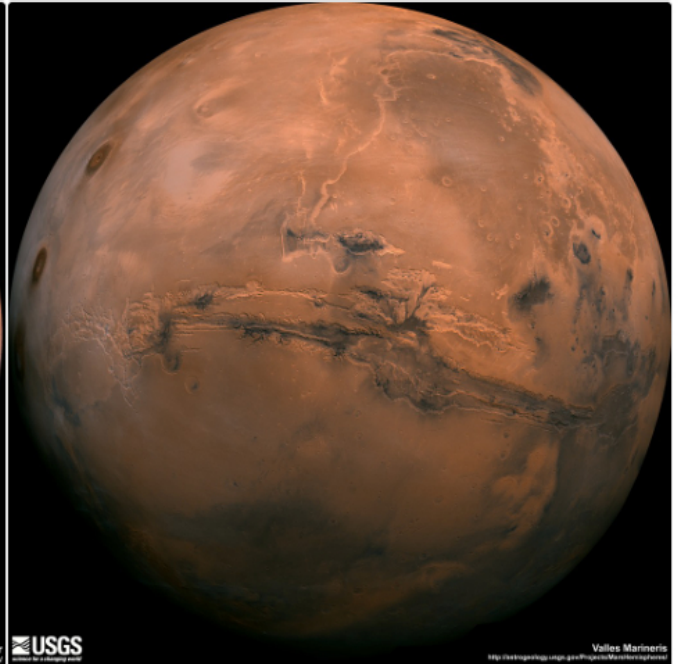
Cerberus Hemisphere Enhanced



Schiaparelli Hemisphere Enhanced



Syrtis Major Hemisphere Enhanced



Valles Marineris Hemisphere Enhanced