

# Mission to Mars

[Scrape New Data](#)

## Flask Python Mongodb

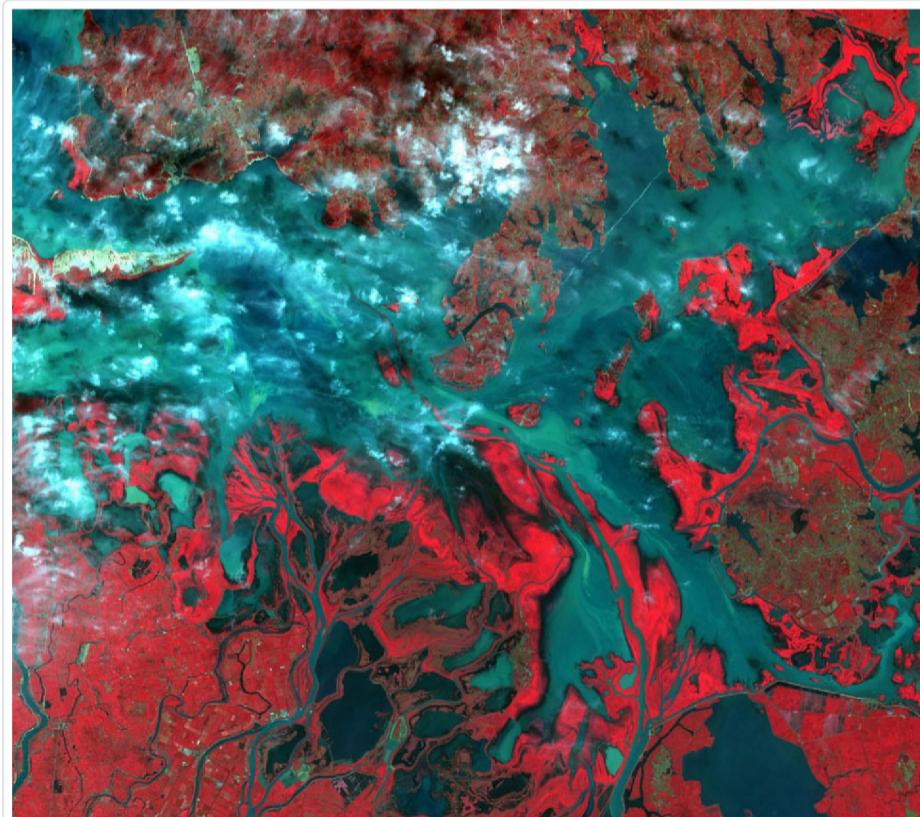
### Data Analytics and Visualization

#### Latest Mars News

##### 8 Martian Postcards to Celebrate Curiosity's Landing Anniversary

The NASA rover touched down eight years ago, on Aug. 5, 2012, and will soon be joined by a second rover, Perseverance.

#### Featured Mars Image

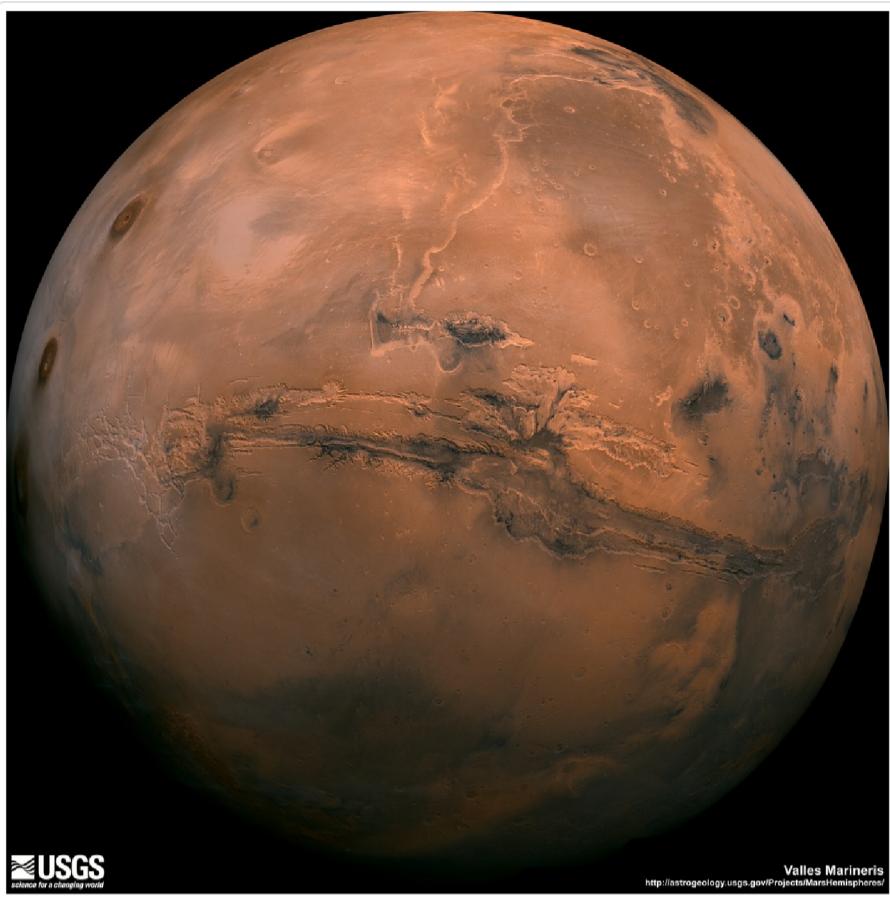


#### Current Weather on Mars

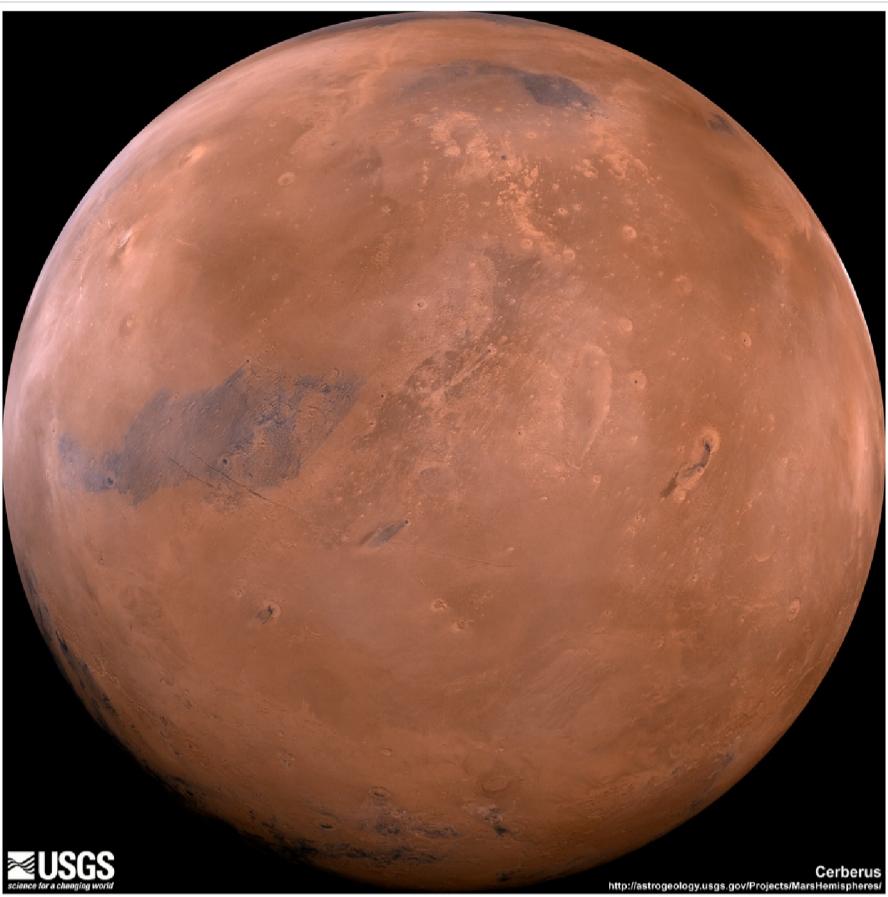
InSight sol 598 (2020-08-01) low -91.6°C (-132.9°F) high -15.1°C (4.8°F) winds from the WNW at 7.1 m/s (15.8 mph) gusting to 19.2 m/s (43.0 mph) pressure at 7.90 hPa

|                             | value                                  |
|-----------------------------|--|
| <b>variable</b>             |  |
| <b>Equatorial Diameter:</b> | 6,792 km                               |
| <b>Polar Diameter:</b>      | 6,752 km                               |
| <b>Mass:</b>                | $6.39 \times 10^{23}$ kg (0.11 Earths) |
| <b>Moons:</b>               | 2 (Phobos & Deimos)                    |
| <b>Orbit Distance:</b>      | 227,943,824 km (1.38 AU)               |
| <b>Orbit Period:</b>        | 687 days (1.9 years)                   |
| <b>Surface Temperature:</b> | -87 to -5 °C                           |
| <b>First Record:</b>        | 2nd millennium BC                      |
| <b>Recorded By:</b>         | Egyptian astronomers                   |

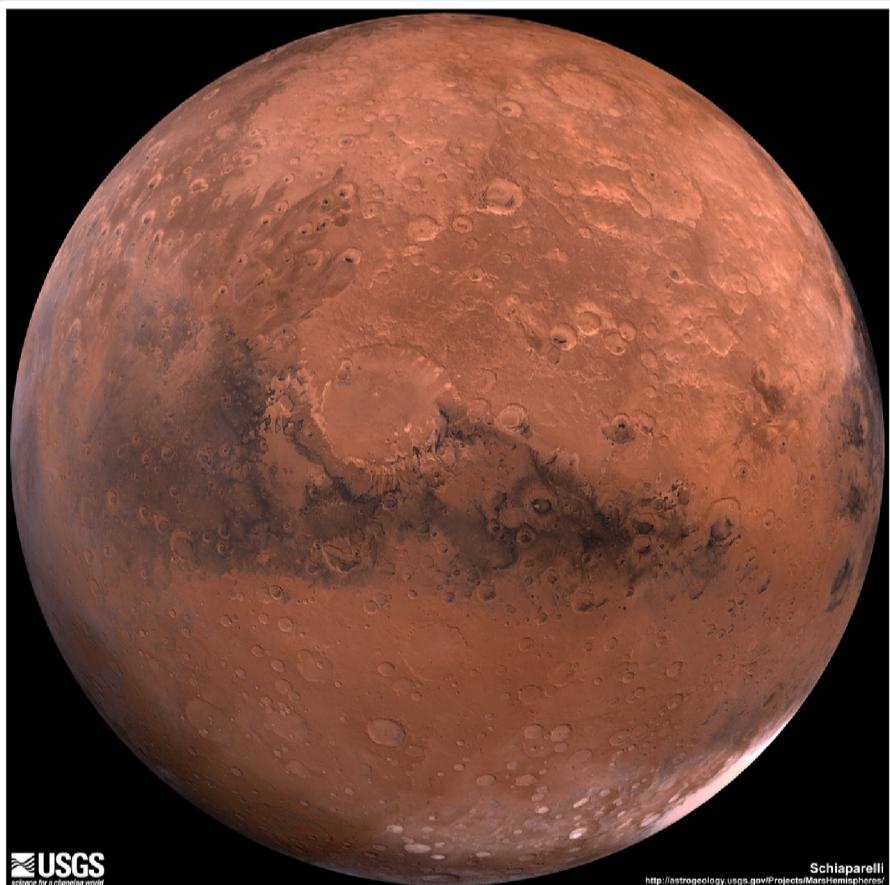
#### Mars Hemispheres



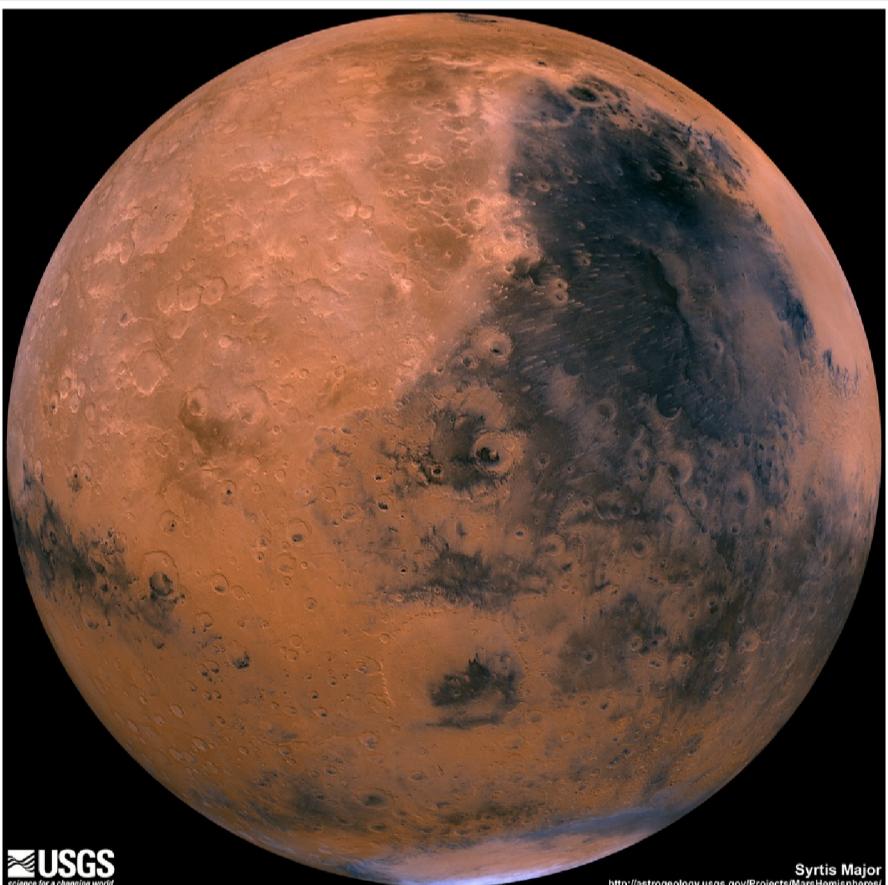
Valles Marineris Hemisphere Enhanced



Cerberus Hemisphere Enhanced



Schiaparelli Hemisphere Enhanced



Syrtis Major Hemisphere Enhanced