

# Mission to Mars

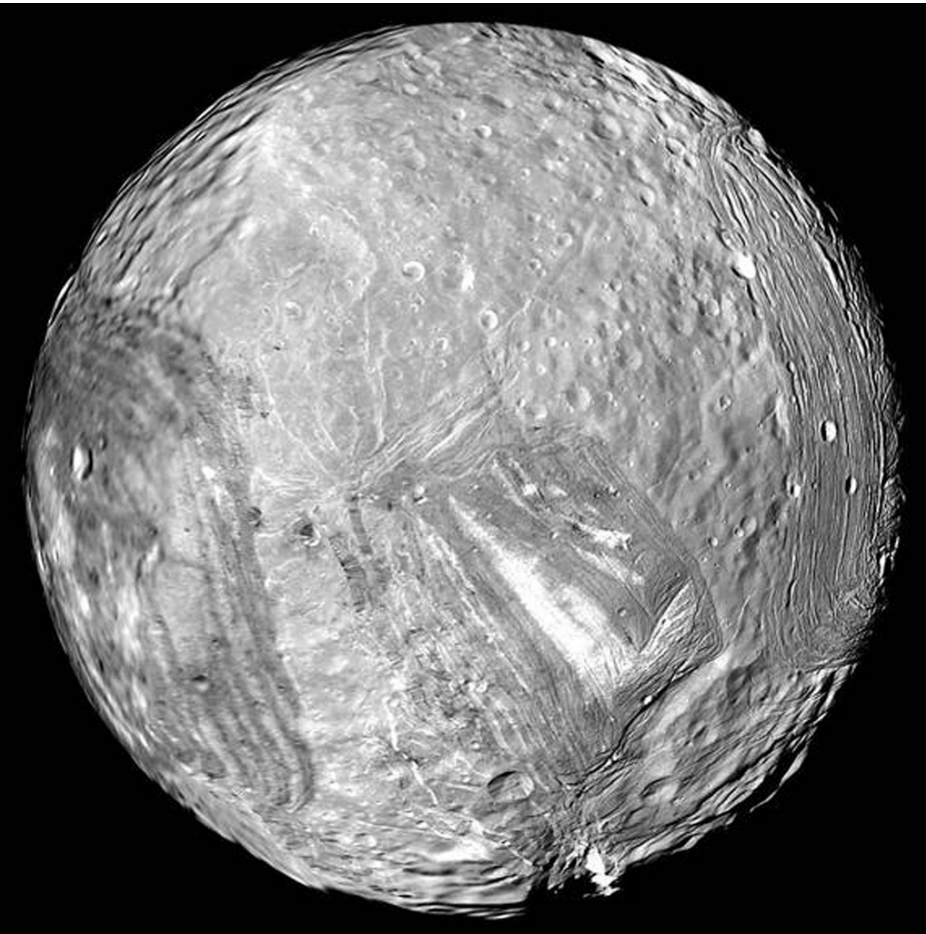
Scrape new data (/scrape)

## 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

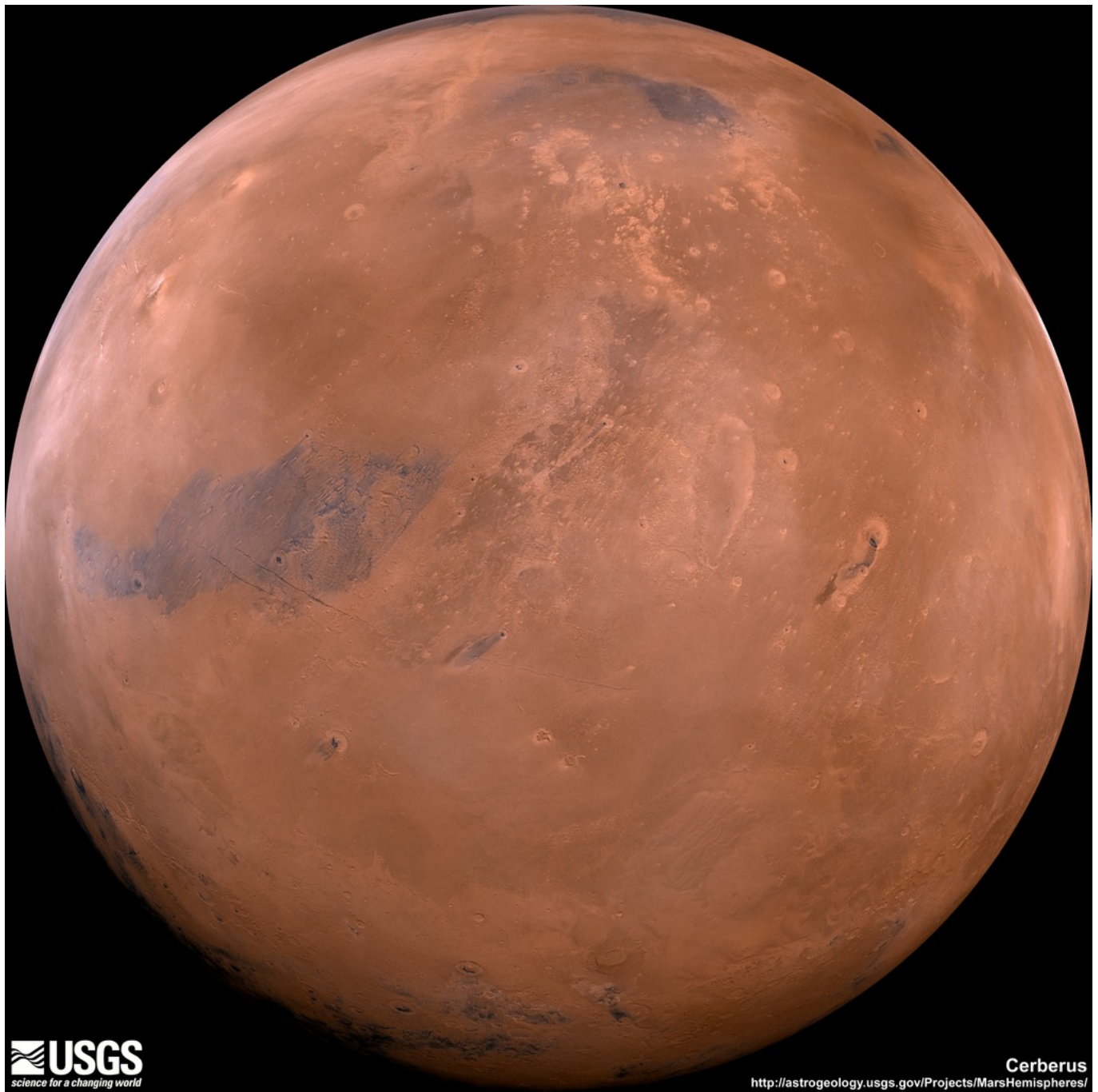
InSight sol 261 (2019-08-21) low -102.4°C (-152.4°F) high -26.6°C (-15.8°F) winds from the SSE at 4.9 m/s (11.0 mph) gusting to 16.0 m/s (35.8 mph) pressure at 7.70 hPa

### MARS Facts

	Value
Description	
Equatorial Diameter:	6,792 km
Polar Diameter:	6,752 km
Mass:	6.39 × 10 <sup>23</sup> kg (0.11 Earths)
Moons:	2 (Phobos & Deimos)
Orbit Distance:	227,943,824 km (1.38 AU)

	Value
Description	
Orbit Period:	687 days (1.9 years)
Surface Temperature:	-87 to -5 °C
First Record:	2nd millennium BC
Recorded By:	Egyptian astronomers

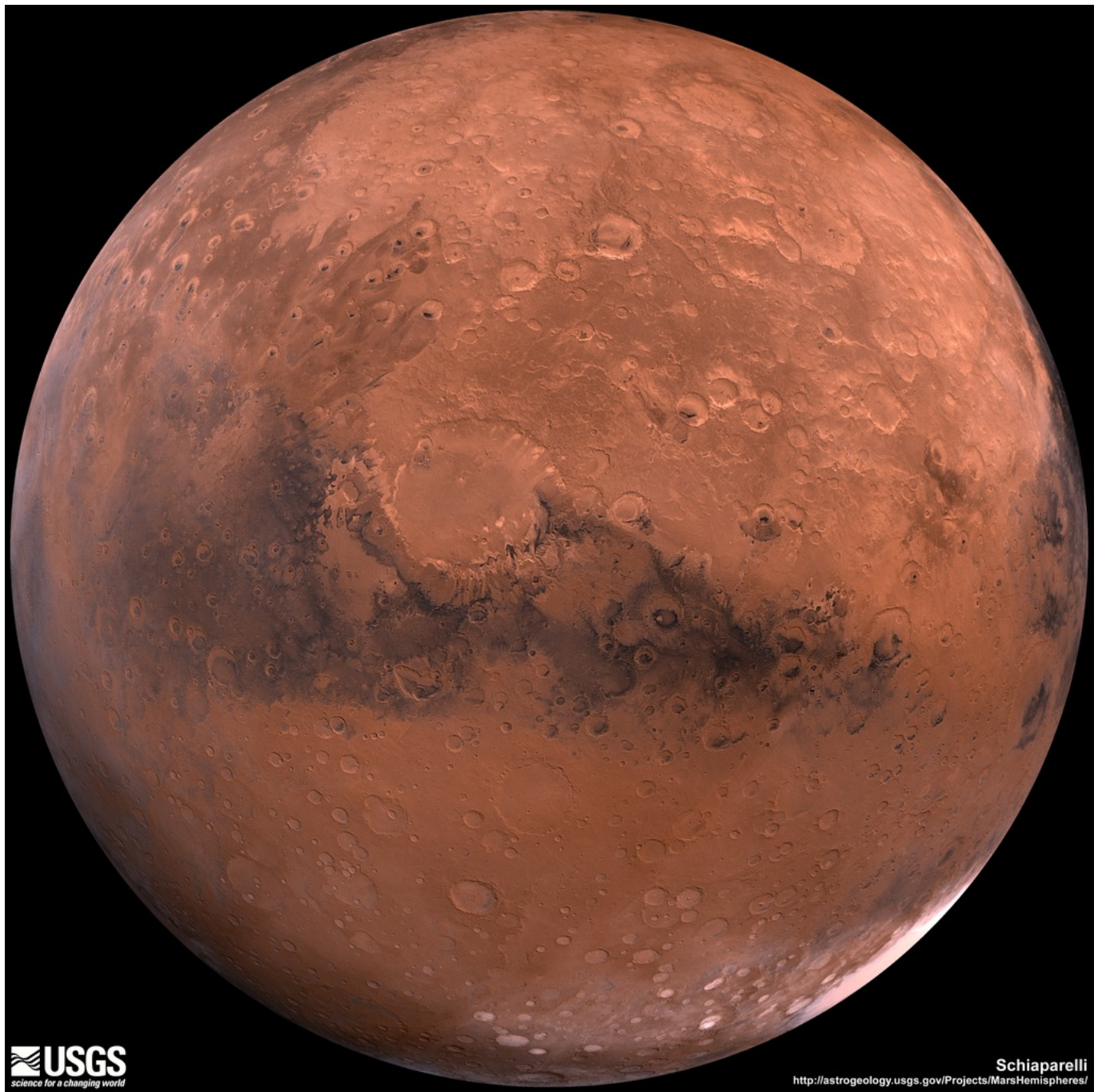
MARS Hemispheres



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

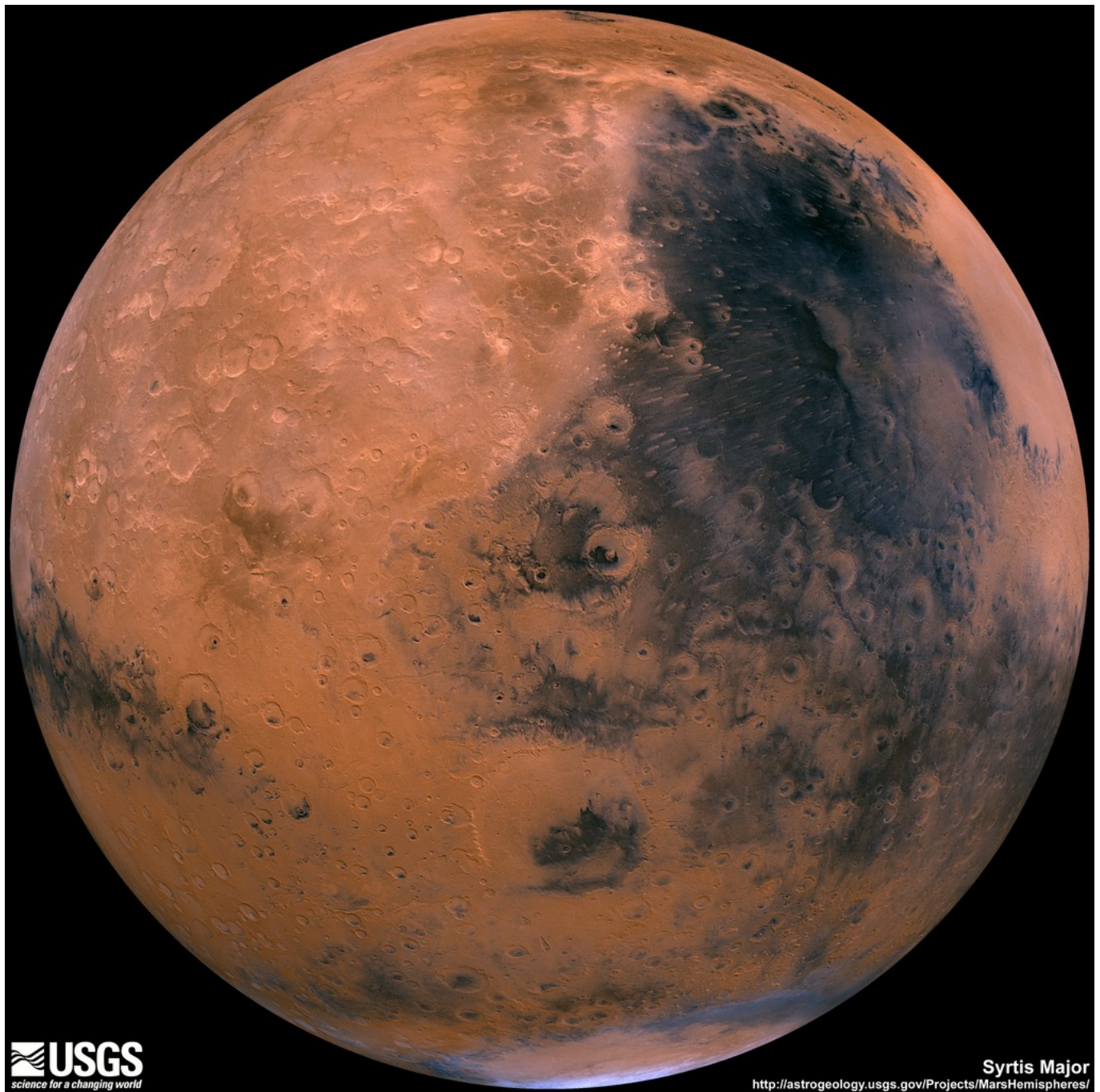
Cerberus Hemisphere Enhanced





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

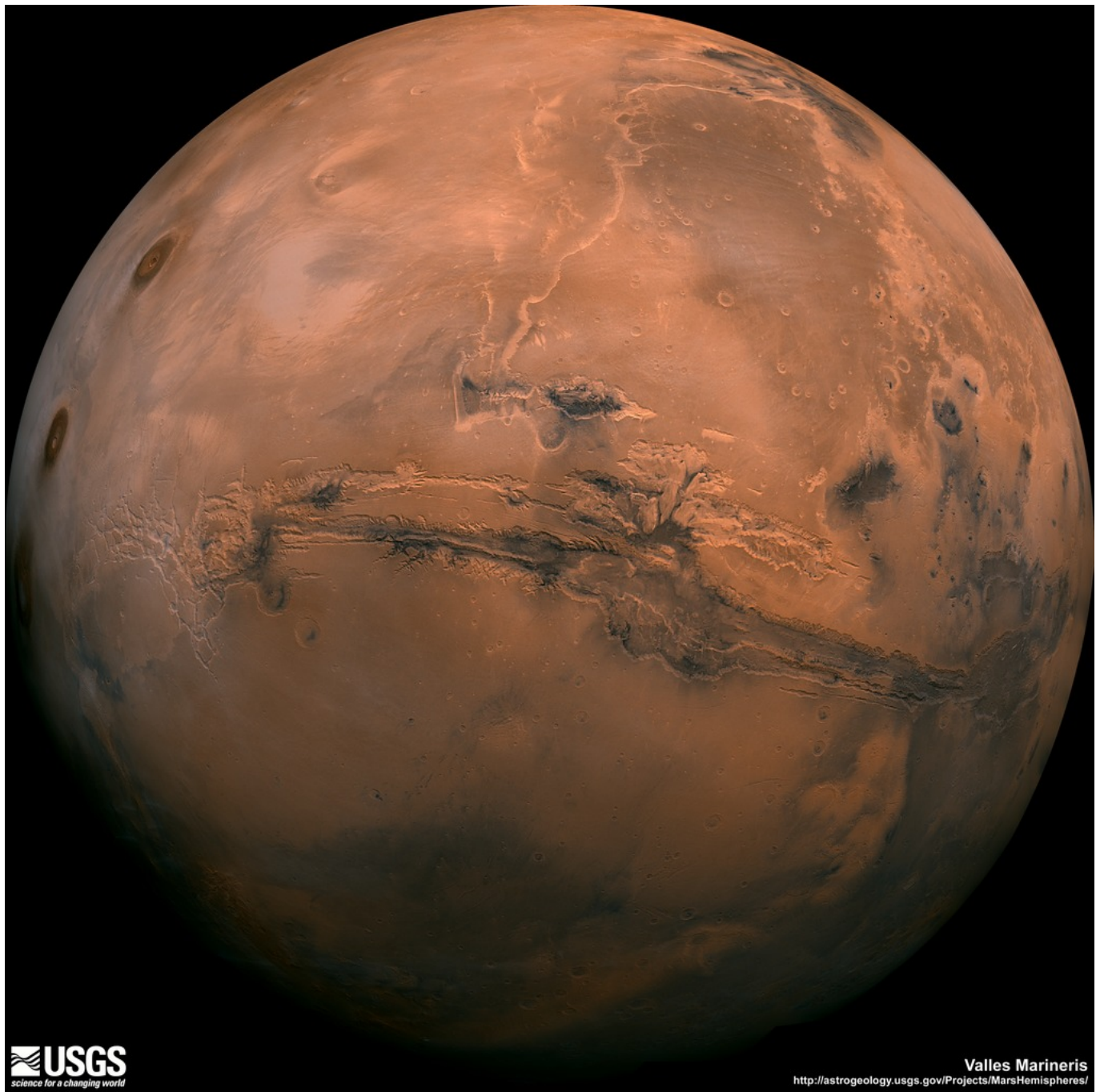
Schiaparelli Hemisphere Enhanced



**Syrtis Major**  
<http://astrogeology.usgs.gov/Projects/MarsHemispheres/>

Syrtis Major Hemisphere Enhanced





Valles Marineris Hemisphere Enhanced