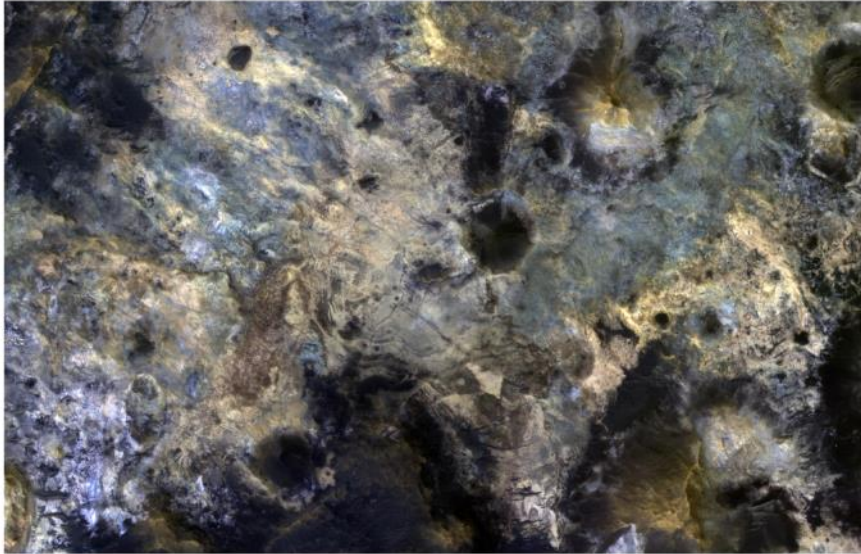


Monday, April 08, 2019 10:53 AM

## Latest Mars News

## NASA's Next Mars Mission to Investigate Interior of Red Planet

Preparation of NASA's next spacecraft to Mars, InSight, has ramped up this summer, on course for launch next May from Vandenberg Air Force Base in central California -- the first interplanetary launch in history from America's West Coast.

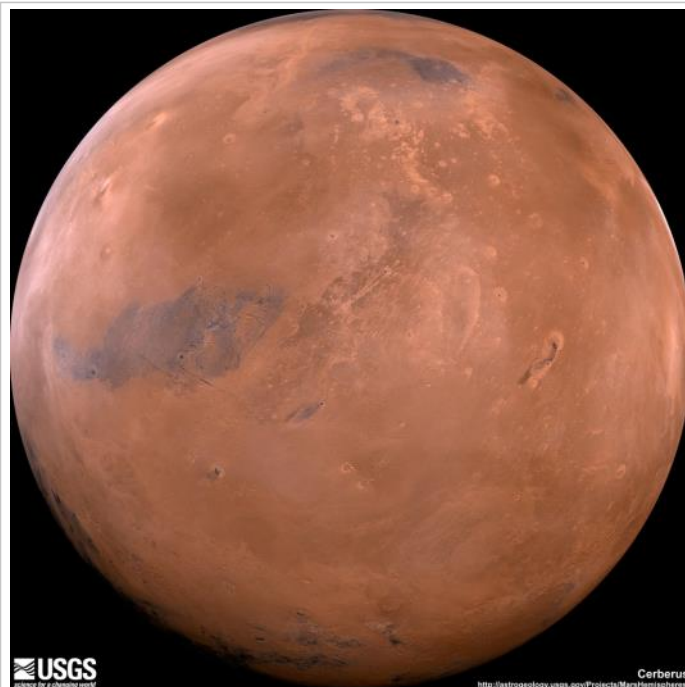


### Current Weather on Mars

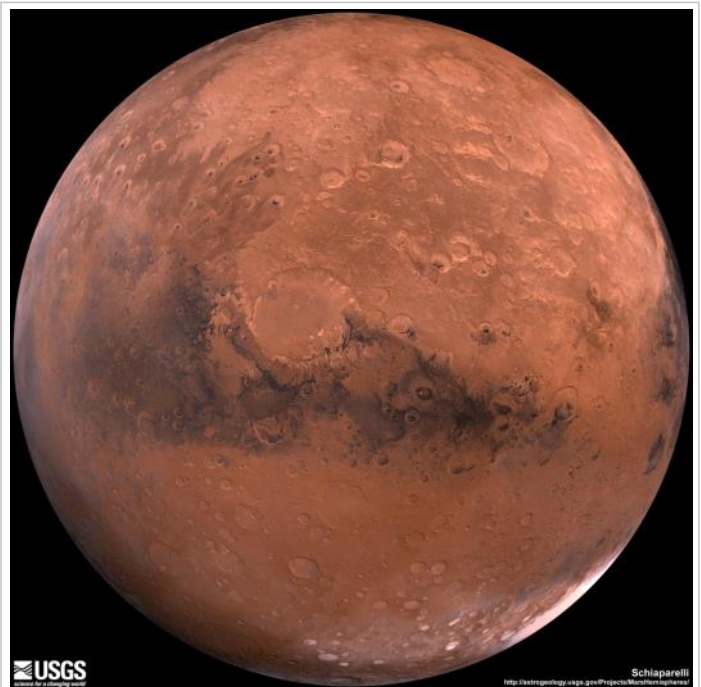
InSight sol 127 (2019-04-05) low -96.6°C (-141.9°F) high -16.8°C (1.8°F) winds from the SW at 4.2 m/s (9.3 mph) gusting to 11.2 m/s (25.0 mph) pressure at 7.30 h [papi.twitter.com/wky4Uf2fyY](https://twitter.com/wky4Uf2fyY)

	Value
Equatorial Diameter:	6,792 km
Polar Diameter:	6,752 km
Mass:	$6.42 \times 10^{23}$ 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

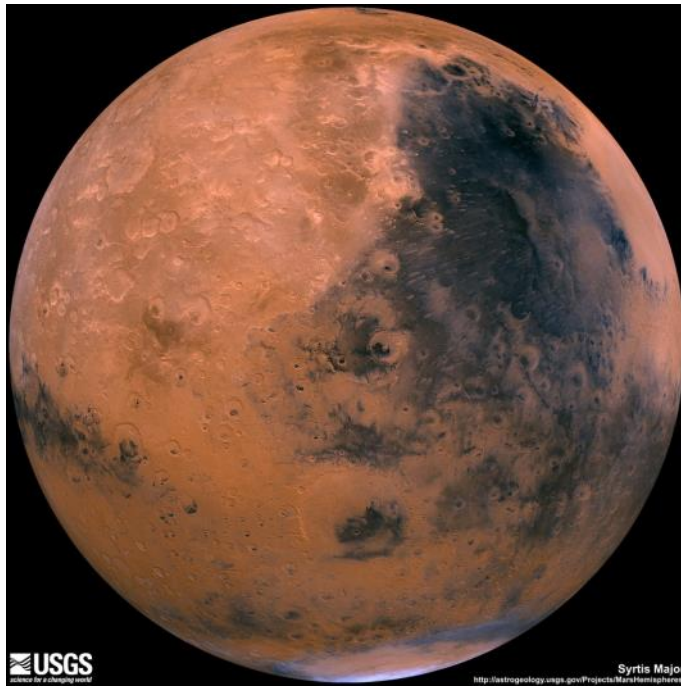
## Mars Hemispheres



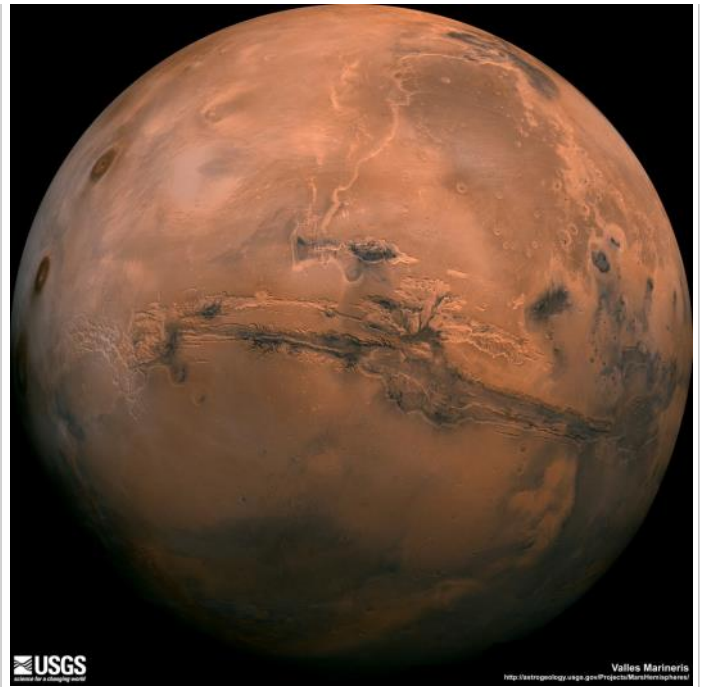
## Cerberus Hemisphere Enhanced



## Schiaparelli Hemisphere Enhanced



Syrtis Major Enhanced



Valles Marineris Enhanced