

# Mission to Mars

Information on the Red Planet you didn't know you cared about!

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## Latest Mars Headlines: Mars InSight's Mole Has Partially Backed Out of Its Hole

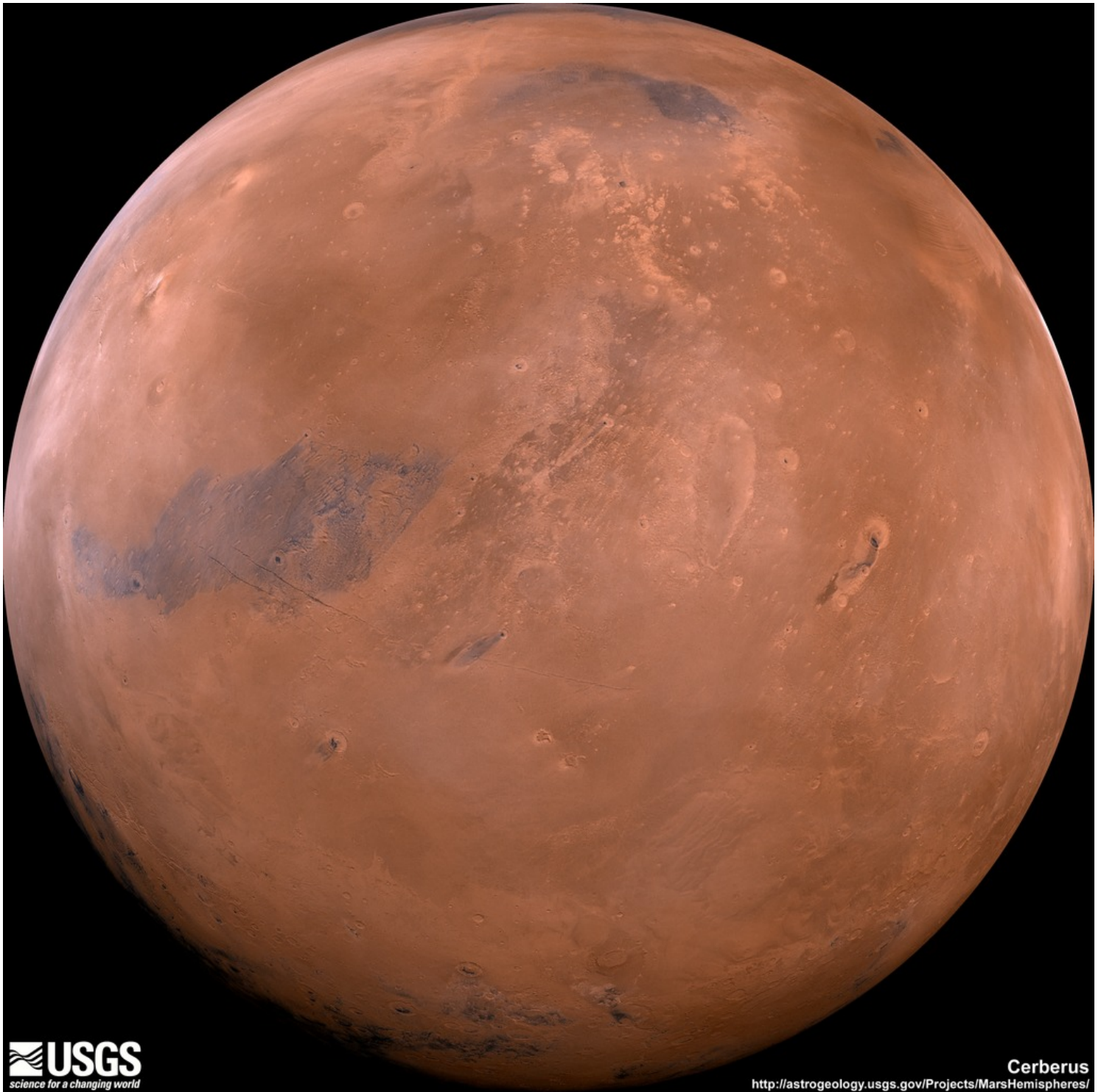
After making progress over the past several weeks digging into the surface of Mars, InSight's mole has backed about halfway out of its hole this past weekend.

Featured Mars Image



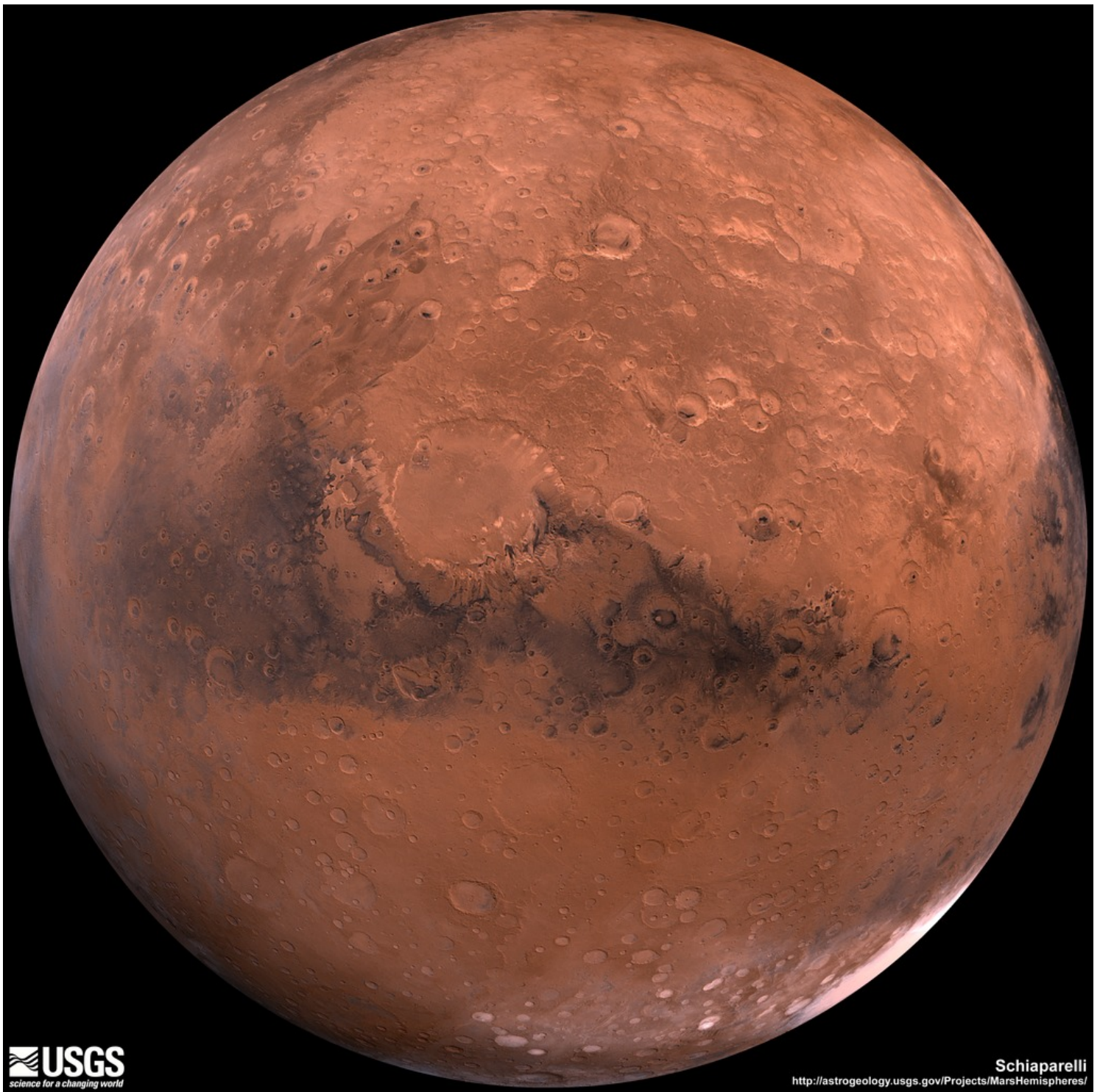


## Mars' 4 Hemispheres:



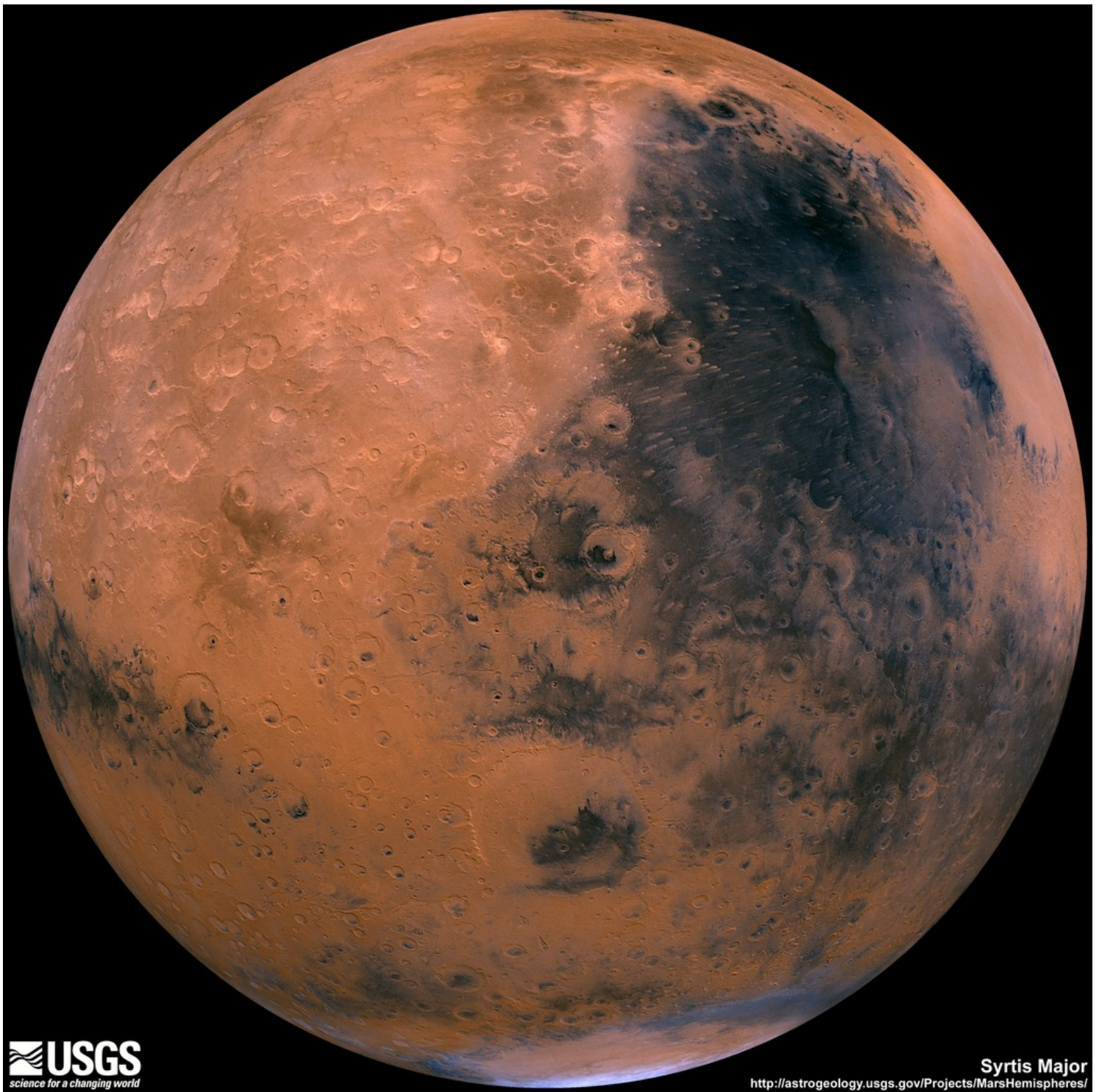
## Cerberus Hemisphere Enhanced





## Schiaparelli Hemisphere Enhanced



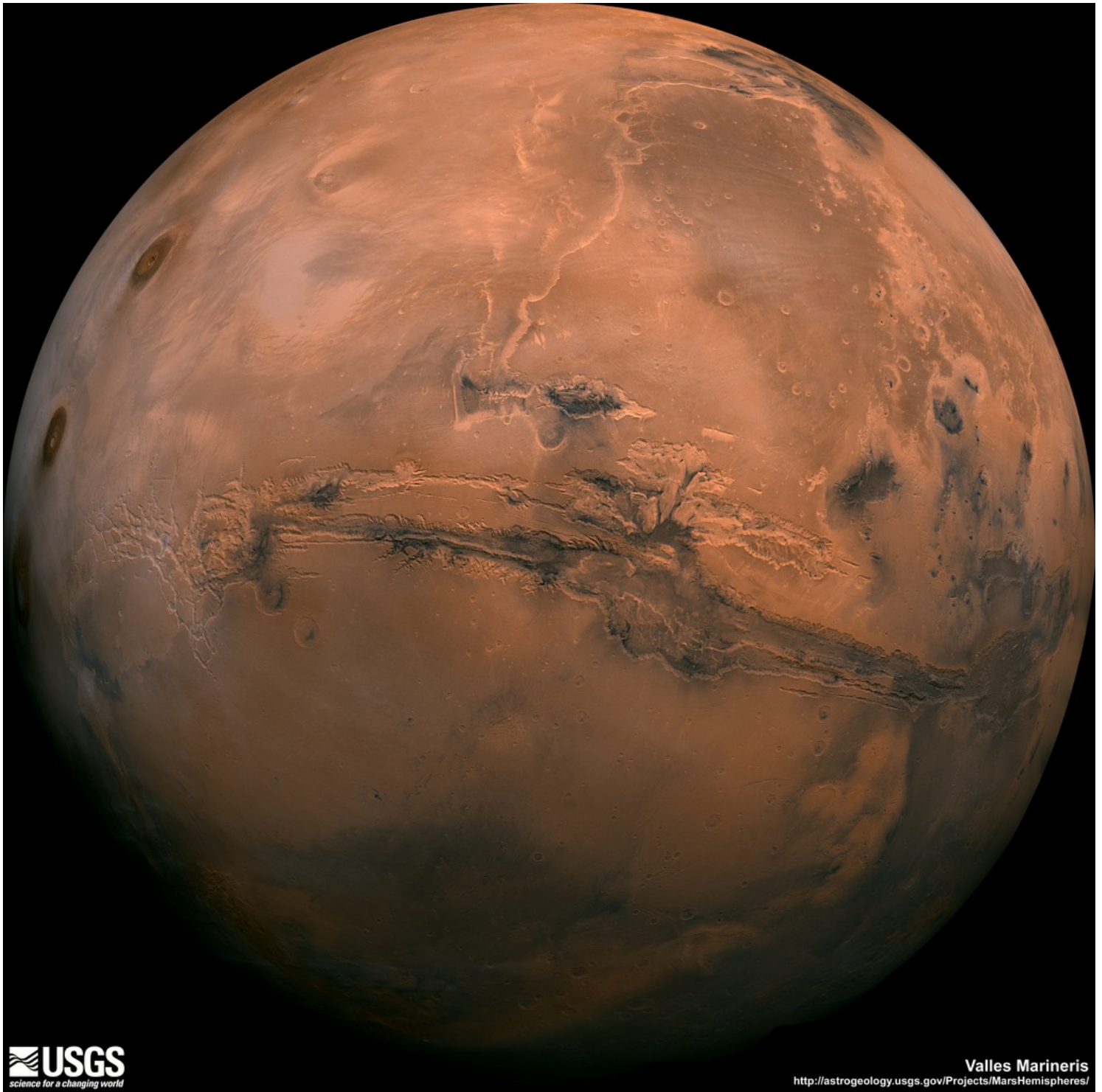


Syrtis Major

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

## Syrtis Major Hemisphere Enhanced





## Valles Marineris Hemisphere Enhanced

The weather in Mars is currently InSight sol 327 (2019-10-28) low  $-102.6^{\circ}\text{C}$  ( $-152.7^{\circ}\text{F}$ ) high  $-25.3^{\circ}\text{C}$  ( $-13.5^{\circ}\text{F}$ ) winds from the SSE at 5.6 m/s (12.5 mph) gusting to 19.6 m/s (43.8 mph) pressure at 7.00 hPa  
[hPavic.twitter.com/B3xpG54HEX](https://twitter.com/B3xpG54HEX)

## Mars Facts

	Profile	Mars
0	Equatorial Diameter:	6,792 km
1	Polar Diameter:	6,752 km
2	Mass:	$6.39 \times 10^{23}$ kg (0.11 Earths)
3	Moons:	2 (Phobos & Deimos)
4	Orbit Distance:	227,943,824 km (1.38 AU)
5	Orbit Period:	687 days (1.9 years)
6	Surface Temperature:	-87 to -5 °C
7	First Record:	2nd millennium BC
8	Recorded By:	Egyptian astronomers