

# Mission To Mars

Webpage displaying Mars information scraped from various websites



## 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 Image



Current Weather on Mars

InSight sol 600 (2020-08-03) low -107.6°C (-161.7°F) high -5.7°C (21.7°F) winds from the W at 5.6 m/s (12.5 mph) gusting to 15.2 m/s (34.0 mph) pressure at 7.90 hPa618

## Mars Facts

Mars Facts	Value
Equatorial Diameter:	6,792 km
Polar Diameter:	6,752 km



Screen displaying (a) news headline, (b) first paragraph, (c) featured image, (d) latest weather tweet and (e) facts from the red planet :

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

Screen displaying images of the four hemispheres of Mars

## Mars Hemispheres



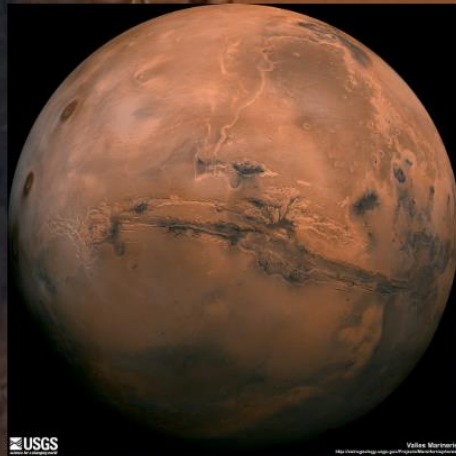
**Cerberus Hemisphere Enhanced**



**Schiaparelli Hemisphere Enhanced**



**Syrtis Major Hemisphere Enhanced**



**Valles Marineris Hemisphere Enhanced**



Press the “Get Data!” button

Wait for few minutes (some pages take time to load and the scraper sleeps waits for 2s before scraping to ensure the complete browser has loaded ) while the app scrapes data from the web.



## Latest Mars News

### NASA's MAVEN Observes Martian Night Sky Pulsing in Ultraviolet Light

Website is updated after scrape is complete

Vast areas of the Martian night sky pulse in ultraviolet light, according to images from NASA's MAVEN spacecraft. The results are being used to illuminate complex circulation patterns in the Martian atmosphere.

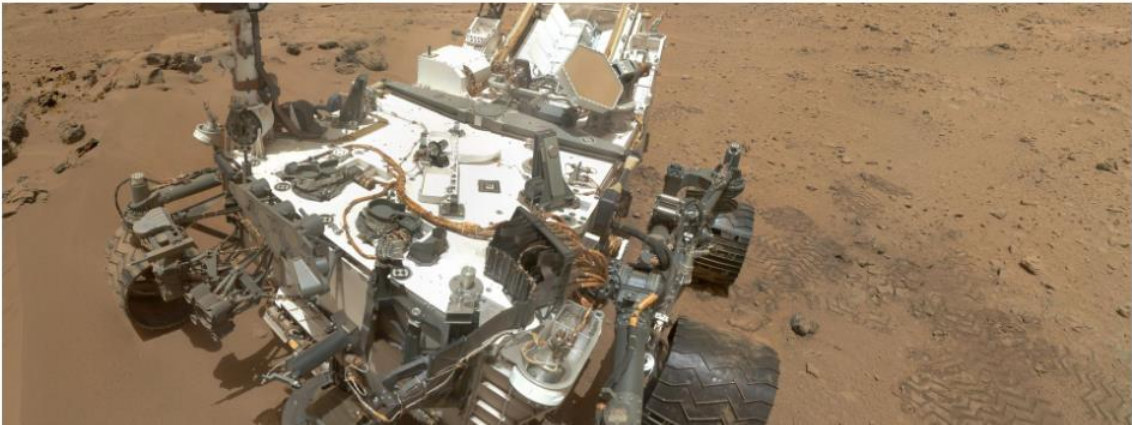
## Featured Image

### Current Weather on Mars

InSight sol 602 (2020-08-05) low -91.5°C (-132.6°F) high -9.5°C (14.9°F) winds from the W at 5.4 m/s (12.2 mph) gusting to 17.0 m/s (38.1 mph) pressure at 7.90 hPa221

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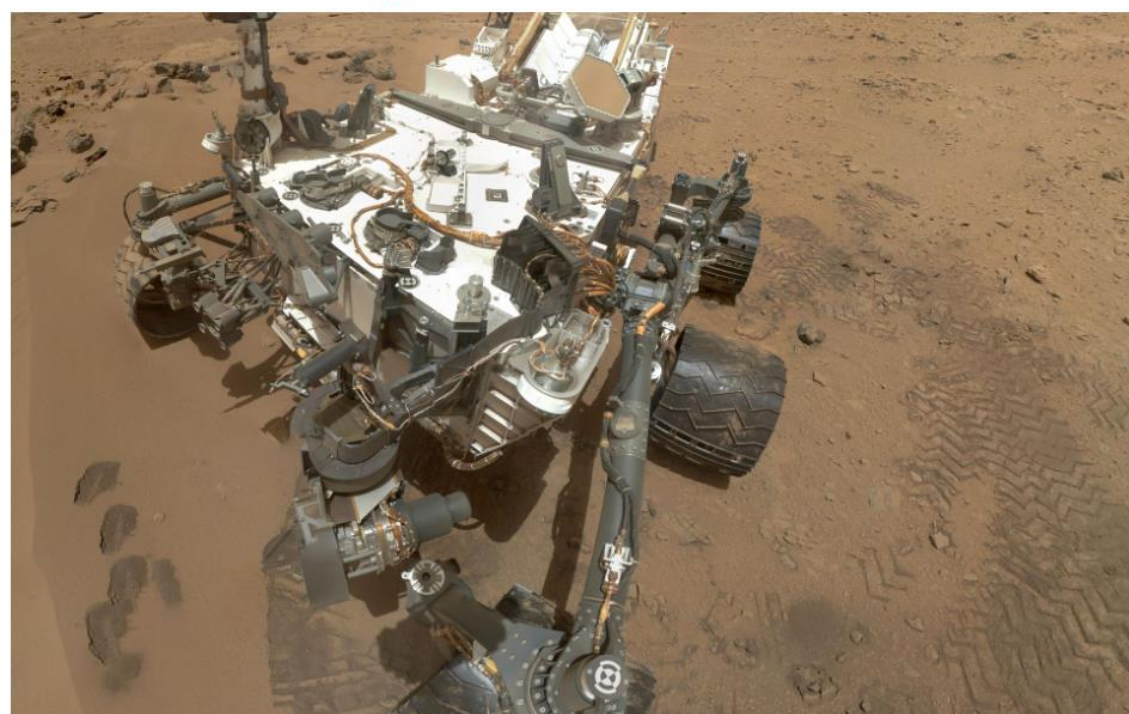
Screen displaying updated information :

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