









PROGRAM & MISSIONS

ALL ABOUT MARS

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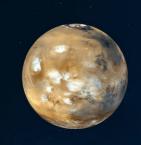
All About Mars > Mars Facts

MARS FACTS



Quick Facts Detailed Facts Picture Facts





	Earth	Mars
Average Distance from Sun	93 million miles	142 million miles
Average Speed in Orbiting Sun	18.5 miles per second	14.5 miles per second
Diameter	7,926 miles	4,220 miles
Tilt of Axis	23.5 degrees	25 degrees
Length of Year	365.25 Days	687 Earth Days
Length of Day	23 hours 56 minutes	24 hours 37 minutes
Gravity	2.66 times that of Mars	0.375 that of Earth
Temperature	Average 57 degrees F	Average -81 degrees F
Atmosphere	nitrogen, oxygen, argon, others	mostly carbon dioxide, some water vapor
Number of Moons		2

- DETAILED FACTS ABOUT MARS -



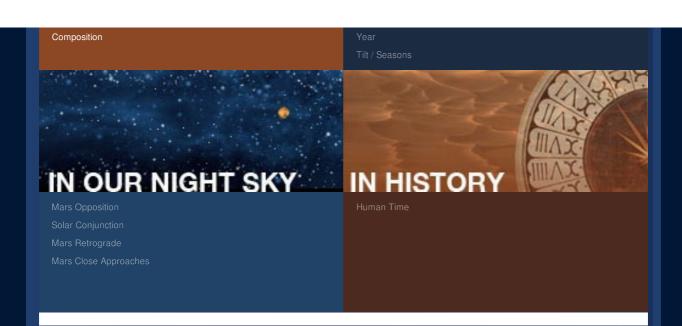
THE PLANET

Size

Gravity & More

Temperature

IN SPACE



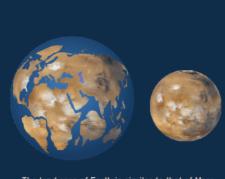
LEARN ABOUT MARS FACTS WITH PICTURES!



MARS QUICK FACTS

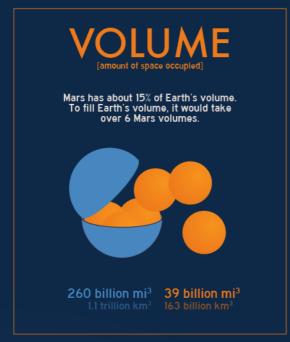
FOR MORE INFO, VISIT: MARS.NASA.GOV

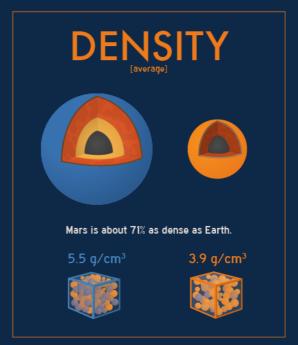


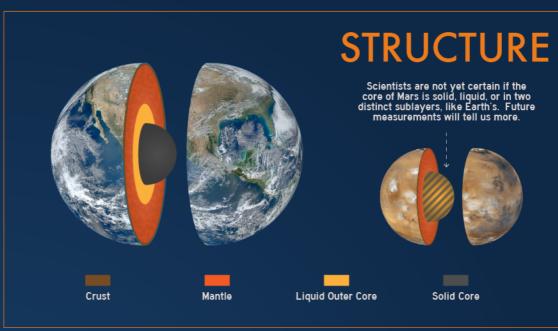


The land area of Earth is similar to that of Mars.

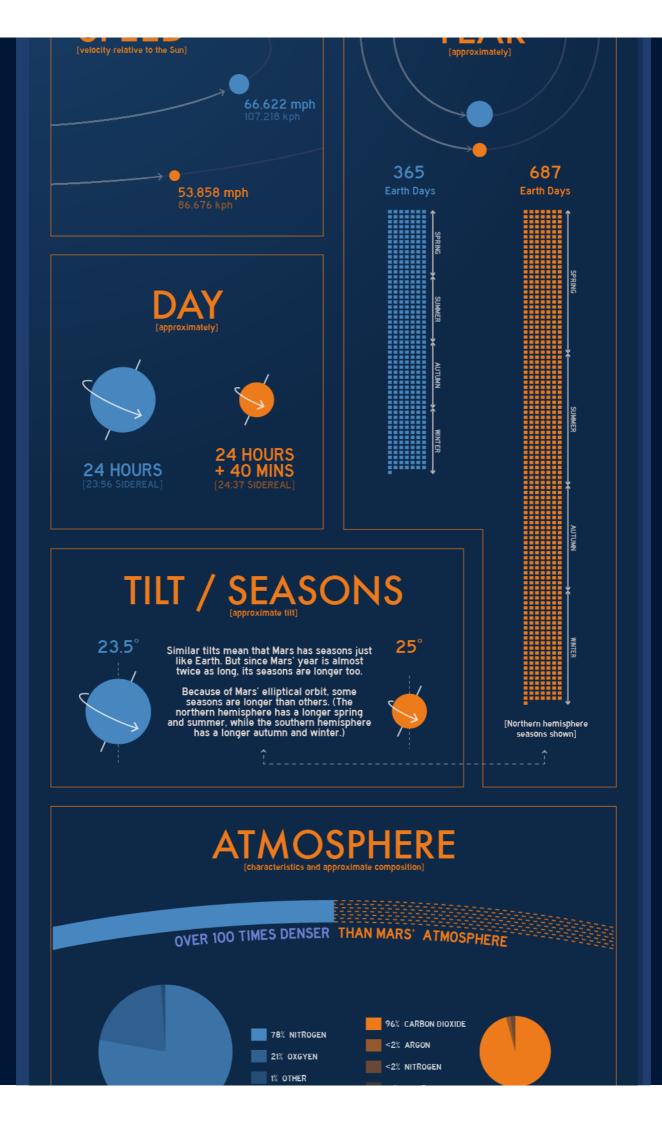


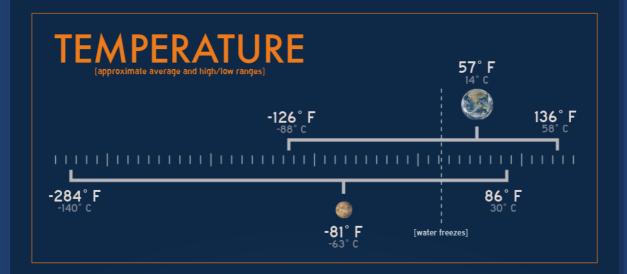














[effect of gravity on matter]

Weight is a measure of gravity's effect on mass. It varies based on factors like your mass, the planet's gravity, and the distance between you and the planet's center.



If you weighed 100 lbs on Earth, you would weigh only 38 lbs on Mars!





GRAVITY

On Mars, you'd experience 62.5% less gravity than you're used to on Earth



