

Earth-Mars Comparison Fact Sheet

	Earth	Mars
Average Distance from Sun	150 million kilometers (93 million miles)	229 million kilometers (142 million miles)
Average Speed in orbiting Sun	29.8 km per second (18.5 miles per second)	23.3 km per second (14.5 miles per second)
Diameter	12,755 kilometers (7,926 miles)	6791 kilometers (4,220 miles)
Tilt of Axis	23.5 degrees	25 degrees
Length of Year	365.25 days	687 days
Length of Day	23 hours 56 minutes	24 hours 37 minutes
Gravity	2.66 times greater than Mars	37.5% of Earth's (Less)
Average Temperature	14 degrees Celsius (57 degrees Fahrenheit)	-63 degrees Celsius (-81 degrees Fahrenheit)
Atmosphere	Nitrogen, oxygen, argon, others	Mostly Carbon dioxide, some water vapor
Number of Moons	1	2
Tallest Mountain	Mauna Kea, Hawaii: 10,203 meters (33,476 feet) high; height from ocean floor	Olympus Mons: 21,171 meters (69,459 feet) high