

Mission to Mars

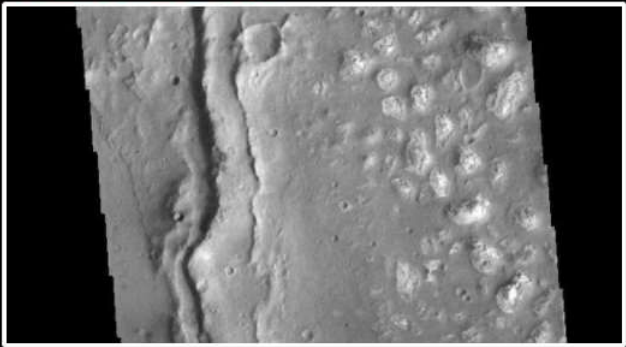
Get the latest data

Latest Mars News

NASA's Ingenuity Mars Helicopter Logs Second Successful Flight

The small rotorcraft's horizons were expanded on its second flight.

Featured Mars Image



Mars Facts

0	Equatorial Diameter:	6,792 km
1	Polar Diameter:	6,752 km
2	Mass:	6.39×10^{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

Mars Facts

Equatorial Diameter	6,792 km
Polar Diameter	5,759 km
Mass	6.39×10^{23} kg (0.15 Earth's)
Radius	2 (Phobos & Deimos)
Orbit Distance	227,943,830 km (1.52 AU)
Orbit Period	687 Days (1.9 years)
Surface Temperature	-47 to 0 °C
Wind Speed	200 m/s (450 mph)
Discoverer	Pygmy, astronomer

Mars Hemispheres



Cerberus Hemisphere Enhanced



Schiaparelli Hemisphere Enhanced



Syrtis Major Hemisphere Enhanced

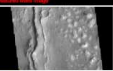


Valles Marineris Hemisphere Enhanced

Mission to Mars

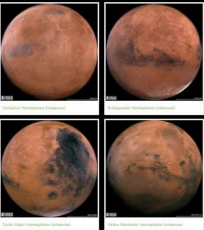
Download

Learn More About
Mars Hemispheres and Hemispheres of Mars



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

Mars Hemispheres



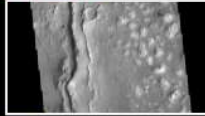
Mission to Mars

[Get the latest info](#)

Latest Mars News

NASA's Ingenuity Mars Helicopter Logs Second Successful Flight
The small aircraft's historic solo was suspended on its second flight.

Featured Mars Images



Mars Facts

Distance from Earth	141 million km (87 million miles)
Orbit around the Sun	228 million km (141 million miles)
Orbit around Mars	3,796 km (2,358 miles)
Orbit period around the Sun	687 days (1.88 years)
Orbit period around Mars	24.6 hours (1 day, 39 minutes, 35 seconds)
Mass	0.107 Earth masses
Radius	3,390 km (2,104 miles)
Surface area	144.8 million km ² (55.9 million miles ²)
Volume	2.04 billion km ³ (787 billion miles ³)
Density	3.93 g/cm ³ (0.158 lb/in ³)
Gravity	3.71 m/s ² (0.38 g)
Escape velocity	5.03 km/s (11,186 mph)
Atmospheric pressure	6.36 hPa (0.087 psi)
Atmospheric composition	95% CO ₂ , 3% N ₂ , 1.6% Ar, 0.07% O ₂ , 0.03% H ₂
Temperature range	-125 to 20 °C (-203 to 68 °F)
Freezing point of water	-125 °C (-193 °F)
Boiling point of water	20 °C (68 °F)
Freezing point of CO ₂	-125 °C (-193 °F)
Boiling point of CO ₂	-78.5 °C (-109.3 °F)
Freezing point of H ₂ O	0 °C (32 °F)
Boiling point of H ₂ O	100 °C (212 °F)
Freezing point of H ₂	-253 °C (-423 °F)
Boiling point of H ₂	-253 °C (-423 °F)
Freezing point of O ₂	-183 °C (-311 °F)
Boiling point of O ₂	-183 °C (-311 °F)
Freezing point of N ₂	-196 °C (-321 °F)
Boiling point of N ₂	-196 °C (-321 °F)
Freezing point of Ar	-182 °C (-296 °F)
Boiling point of Ar	-182 °C (-296 °F)
Freezing point of H ₂	-253 °C (-423 °F)
Boiling point of H ₂	-253 °C (-423 °F)
Freezing point of O ₂	-183 °C (-311 °F)
Boiling point of O ₂	-183 °C (-311 °F)
Freezing point of N ₂	-196 °C (-321 °F)
Boiling point of N ₂	-196 °C (-321 °F)
Freezing point of Ar	-182 °C (-296 °F)
Boiling point of Ar	-182 °C (-296 °F)

Mars Hemispheres



Left: Northern Hemisphere (Lighter)



Right: Southern Hemisphere (Darker)



Left: Northern Hemisphere (Lighter)



Right: Southern Hemisphere (Darker)