

Solar System Fact Sheet

	MERCURY	VENUS	EARTH	MARS	JUPITER	SATURN	URANUS	NEPTUNE	CERES	PLUTO	ERIS	COMET HALLEY
Average Distance from Sun (km)	57.9 x 10 ⁶	108.2 x 10 ⁶	149.6 x 10 ⁶	227.9 x 10 ⁶	778.6 x 10 ⁶	1,427 x 10 ⁶	2,873 x 10 ⁶	4,495 x 10 ⁶	414 x 10 ⁶	5,906 x 10 ⁶	10,166 x 10 ⁶	2,678 x 10 ⁶
perihelion (km)	46.0 x 10 ⁶	107.5 x 10 ⁶	147.1 x 10 ⁶	206.6 x 10 ⁶	740.5 x 10 ⁶	1,352 x 10 ⁶	2,741 x 10 ⁶	4,445 x 10 ⁶	383 x 10 ⁶	4,436 x 10 ⁶	5,723 x 10 ⁶	87.7 x 10 ⁶
aphelion (km)	69.8 x 10 ⁶	108.9 x 10 ⁶	152.1 x 10 ⁶	249.2 x 10 ⁶	816.6 x 10 ⁶	1,514 x 10 ⁶	3,003 x 10 ⁶	4,546 x 10 ⁶	445 x 10 ⁶	7,376 x 10 ⁶	14,602 x 10 ⁶	5,251 x 10 ⁶
Mean equatorial radius (km)	2,440	6,052	6,371	3,390	69,911	58,232	25,362	24,624	476	1,150	~1,200	15x8
Mass (kg)	3.3 x 10 ²³	48.7 x 10 ²³	59.7 x 10 ²³	6.4 x 10 ²³	18,990 x 10 ²³	5,684 x 10 ²³	868 x 10 ²³	1,024 x 10 ²³	.008 x 10 ²³	0.13 x 10 ²³	0.166 x 10 ²³	2.2 x 10 ¹⁴
Rotation period (Earth days)	58.6	-243.02	1	1.03	0.41	0.44	-0.72	0.67	0.38	-6.39	1.08	2.2
Orbital period (Earth years)	0.24	0.62	1	1.88	11.9	29.5	84.02	164.8	4.6	247.9	560	76.1
Axial tilt (degrees)	0	177.3	23.4	25.2	3.1	26.7	97.8	28.3	4	119.6	?	45
Min/Max surface temperature	-173°C/427°C	462°C	-88°C /58°C	-153°C /20°C	N/A	N/A	N/A	N/A	-105°C /-38.2°C	-240.2°C /-218.2°C	-243.2°C /-217.2°C	30°C /130°C
Atmosphere	He, Na, O ₂	CO ₂ , N ₂	N ₂ , O ₂	CO ₂ , N ₂ , Ar	H ₂ , He	H ₂ , He	H ₂ , He, CH ₄	H ₂ , He, CH ₄	?	N ₂ , CH ₄ , CO	?	Dust and gas around nucleus
Number of known moons	0	0	1	2	67	62	27	14	0	5	1	0