

## The Planets in Our Solar System

Planet	Distance from the Sun (Astronomical Units miles km)	Period of Revolution Around the Sun (1 planetary year)	Period of Rotation (1 planetary day)	Mass (kg)	Diameter (miles km)	Apparent size from Earth	Temperature (K Range or Average)	Number of Moons
<b>Mercury</b>	0.39 AU, 36 million miles 57.9 million km	87.96 Earth days	58.7 Earth days	$3.3 \times 10^{23}$	3,031 miles 4,878 km	5-13 arc seconds	100-700 K mean=452 K	0
<b>Venus</b>	0.723 AU 67.2 million miles 108.2 million km	224.68 Earth days	243 Earth days	$4.87 \times 10^{24}$	7,521 miles 12,104 km	10-64 arc seconds	726 K	0
<b>Earth</b>	1 AU 93 million miles 149.6 million km	365.26 days	24 hours	$5.98 \times 10^{24}$	7,926 miles 12,756 km	Not Applicable	260-310 K	1
<b>Mars</b>	1.524 AU 141.6 million miles 227.9 million km	686.98 Earth days	24.6 Earth hours =1.026 Earth days	$6.42 \times 10^{23}$	4,222 miles 6,787 km	4-25 arc seconds	150-310 K	2
<b>Jupiter</b>	5.203 AU 483.6 million miles 778.3 million km	11.862 Earth years	9.84 Earth hours	$1.90 \times 10^{27}$	88,729 miles 142,796 km	31-48 arc seconds	120 K (cloud tops)	18 named (plus many smaller ones)
<b>Saturn</b>	9.539 AU 886.7 million miles 1,427.0 million km	29.456 Earth years	10.2 Earth hours	$5.69 \times 10^{26}$	74,600 miles 120,660 km	15-21 arc seconds excluding rings	88 K	18+
<b>Uranus</b>	19.18 AU 1,784.0 million miles 2,871.0 million km	84.07 Earth years	17.9 Earth hours	$8.68 \times 10^{25}$	32,600 miles 51,118 km	3-4 arc seconds	59 K	15
<b>Neptune</b>	30.06 AU 2,794.4 million miles 4,497.1 million km	164.81 Earth years	19.1 Earth hours	$1.02 \times 10^{26}$	30,200 miles 48,600 km	2.5 arc seconds	48 K	2
<b>Pluto (a dwarf planet)</b>	39.53 AU 3,674.5 million miles 5,913 million km	247.7 years	6.39 Earth days	$1.29 \times 10^{22}$	1,413 miles 2,274 km	0.04 arc seconds	37 K	1 large (plus 2 tiny)