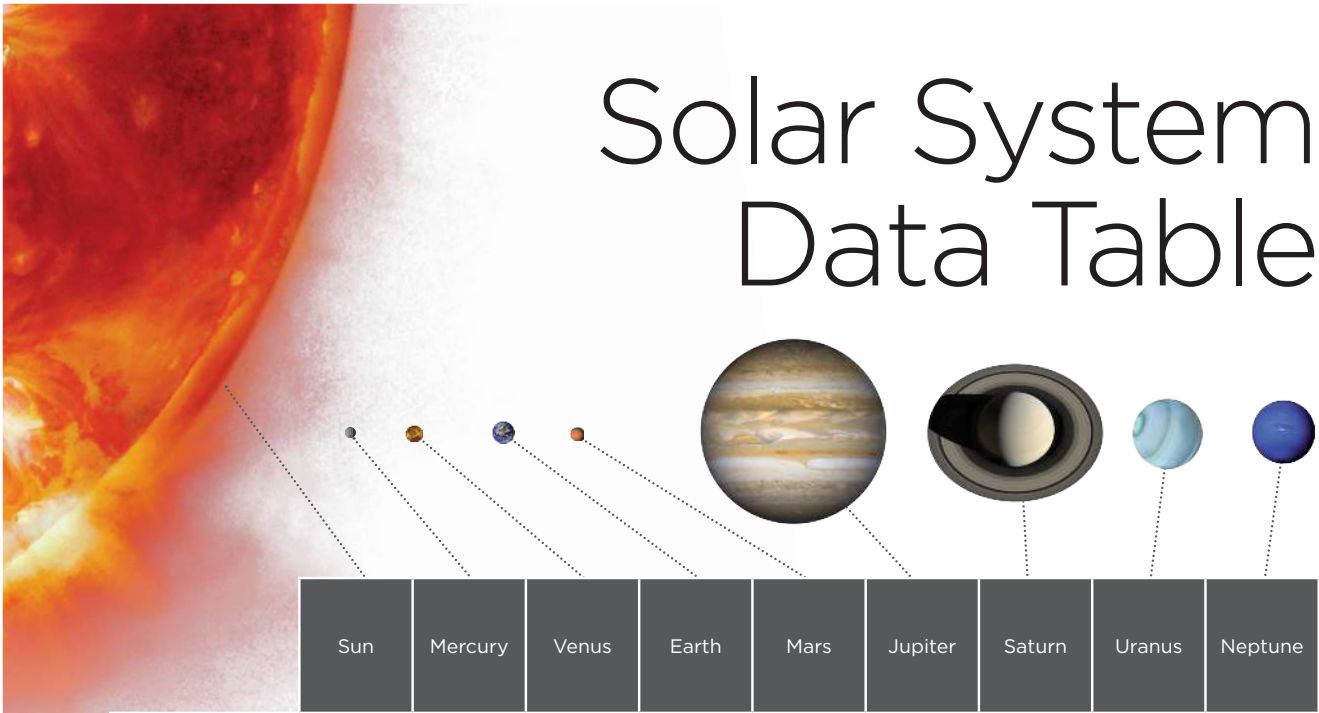


# Solar System Data Table



	Sun	Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune
Average Distance from Sun (million km)		57.91	108.20	149.60	227.90	778.30	1,427	2,871	4,497
Average Distance from Sun (AU)		0.387	0.723	1.000	1.524	5.203	9.537	19.191	30.069
Opposition Magnitude	-26.7	-1.80	-4.30		-2.01	-2.70	0.67	5.52	7.84
Equatorial Diameter (km)	1,392,500	4,880	12,104	12,756	6,794	142,984	120,536	51,118	49,528
Polar Flattening	<0.01	0	0	0.003353	0.006476	0.06487	0.09796	0.02293	0.01708
Natural Satellites Discovered to Date (Number of Moons)		0	0	1	2	67	62	27	14
Mass ( $10^{24}$ kg)	1,990,000	0.33	4.87	5.974	0.642	1,899	568.50	86.60	102.80
Mass (Earths)	333,000	0.055	0.815	1	0.107	318	95.2	14.50	17.40
Orbital Period Sidereal		87.96 days	224.68 days	365.26 days	686.95 days	11.862 years	29,546 years	84.07 years	164.81 years
Orbital Inclination		7.01°	3.39°	0°	1.85°	1.30°	2.49°	0.77°	1.77°
Synodic Period (days)		115.9	583.9		779.9	398.9	378.1	369.7	367.5
Rotational Period (length of days)	25-29d	58.64d	243.0 days (R)	23h56.07m	24h37.34m	9h50m-9h55m	10h14m-10h48m	17h14.5m (R)	16h06.6m
Axial Tilt	7.25°	0°	177.40°	23.40°	25.20°	3.10°	26.70°	97.80°	28.30°
Volume (Earths)	1,300,000	0.06	0.86	1.00	0.15	1323	752	64	54
Albedo		0.106	0.65	0.367	0.15	0.52	0.47	0.51	0.41

AU - Astronomical Units / R - Retrograde

