

Planetary Body	Diameter (km)	Diameter (au)	Diameter (mod. au)	Dist. from Sun (km)	Dist. from Sun (au)	Dist. from Sun (mod. au)	Rotational Velocity (km/h)	Rotational Velocity (au/h)	Rotational Velocity (mod. au/h)	Orbital Velocity (km/h)	Orbital Velocity (au/h)	Orbital Velocity (mod. au/h)
Sun	1,391,400	0.009300802139	0.09300802139	0	0	0	7,189	0.00004805481283	0.0004805481283	0	0	0
Mercury	4,879	0.00003261363636	0.0003261363636	57,900,000	0.3870320856	3.870320856	10.83	0.00000007239304813	0.0000007239304813	170,503	0.001139725936	0.01139725936
Venus	12,104	0.00008090909091	0.0008090909091	108,200,000	0.7232620321	7.232620321	6.52	0.0000000435828877	0.000000435828877	126,074	0.0008427406417	0.008427406417
Earth	12,756	0.00008526737968	0.0008526737968	149,600,000	1	10	1574	0.00001052139037	0.0001052139037	107,218	0.000716697861	0.00716697861
Earth's Moon	3,475	0.00002322860963	0.0002322860963	N/A	N/A	N/A	16.7	0.000000111631016	0.00000111631016	3,683	0.00002461898396	0.0002461898396
Mars	6,792	0.00004540106952	0.0004540106952	227,900,000	1.523395722	15.23395722	866	0.000005788770053	0.00005788770053	86,677	0.0005793917112	0.005793917112
Jupiter	142,984	0.0009557754011	0.009557754011	778,600,000	5.204545455	52.04545455	45,583	0.0003046991979	0.003046991979	47,002	0.000314184492	0.00314184492
Saturn	120,536	0.0008057219251	0.008057219251	1,433,500,000	9.582219251	95.82219251	36,840	0.0002462566845	0.002462566845	34,701	0.0002319585561	0.002319585561
Uranus	51,118	0.000341697861	0.00341697861	2,872,500,000	19.20120321	192.0120321	14,794	0.00009889037433	0.0009889037433	24,477	0.0001636163102	0.001636163102
Neptune	49,528	0.0003310695187	0.003310695187	4,495,100,000	30.04745989	300.4745989	9,719	0.00006496657754	0.0006496657754	19,566	0.0001307887701	0.001307887701