

Major Moons	Orbital Characteristics			Physical Characteristics			From Earth
	Radius (km)	Period	Inclination	Diameter (km)	Mass (kg)	Rotation	Brightness (magnitude)
Earth			(° to Ecliptic)				
Moon	384,399	27.32 d	5.1	3,474	7.34E+22	27.32 d	-12.7
perigee	362,600	27d 7h 43min 11.5s			0.17 g		34.1 arcmin
apogee	405,400						29.3 arcmin
Mars			(° to Ecliptic)				
Phobos	9,376	7.60 h	26.0	23	1.07E+16	7.60 h	11.3
Deimos	23,463	30.3 h	27.6	12	1.48E+15	30.31 h	12.8
Jupiter			(° to Ecliptic)				
Io	421,700	1.77 d	2.2	3,643	8.90E+22	1.77 d	5.0
Europa	671,034	3.55 d	1.8	3,122	4.80E+22	3.55 d	5.3
Ganymede	1,070,412	7.15 d	2.2	5,268	1.48E+23	7.15 d	4.6
Callisto	1,882,709	16.7 d	2.0	4,821	1.08E+23	16.69 d	5.7
Saturn			(° to Planet)				
Mimas	185,539	21.6 h	1.6	396	4.00E+19	0.90 d	12.9
Enceladus	237,948	33.6 h	0.01	504	1.10E+20	1.40 d	11.7
Tethys	294,619	45.6 h	0.2	1,062	6.20E+20	1.90 d	10.2
Dione	377,396	2.70 d	0.002	1,123	1.10E+21	2.70 d	10.4
Rhea	527,108	4.50 d	0.3	1,528	2.30E+21	4.50 d	10.0
Titan	1,221,870	16.0 d	0.2	5,151	1.35E+23	16.00 d	8.2
Iapetus	3,560,820	79.0 d	15.5	1,469	1.80E+21	79.00 d	10.2
Uranus			(° to Planet)				
Miranda	129,390	33.9 h	4.2	472	6.59E+19	1.41 d	15.8
Ariel	191,020	2.52 d	0.3	1,158	1.35E+21	2.52 d	14.4
Umbriel	266,300	4.14 d	0.2	1,169	1.17E+21	4.14 d	14.5
Titania	435,910	8.71 d	0.3	1,577	3.53E+21	8.71 d	13.9
Oberon	583,520	13.5 d	0.1	1,523	3.01E+21	13.46 d	14.1
Neptune			(° to Planet)				
Despina	52,526	8.0 h	0.2	150	2.20E+18	0.33 d	22.0
Galatea	61,953	10.3 h	0.1	176	2.12E+18	0.43 d	21.9
Larissa	73,548	13.3 h	0.3	194	4.20E+18	0.55 d	21.5
Proteus	117,647	26.9 h	0.5	420	4.40E+19	1.12 d	19.7
Triton	354,759	-5.88 d	156.9	2,707	2.14E+22	-5.88 d	13.5
Nereid	5,513,787	360 d	32.6	340	3.09E+19	360.14 d	18.7
Pluto			(° to Planet)				
Charon	17,536	6.39 d	0.001	1,212	1.59E+21	6.39 d	16.8