

Planetary Measures					
Celestial Body	Diameter (km)	Rotational Period (days)	Orbital period (years)	Orbital semi-major axis (AU)	Orbital eccentricity
Sun	1,391,400	25.4			
Mercury	4878	58.6	0.244	0.387	0.206
Venus	12,104	243.0	0.616	0.723	0.007
Earth	12,756	1.00	1.000	1.000	0.017
Mars	6787	1.02	1.881	1.52	0.093
Jupiter	142,800	0.41	11.9	5.20	0.048
Saturn	120,660	0.43	29.5	9.54	0.056
Uranus	50,800	0.72	84.0	19.18	0.05
Neptune	48,600	0.67	164.8	30.07	0.01
Pluto	2300	6.4	247.7	39.44	0.25

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