

Real and Scaled Sizes of the Sun and Planets

	Real Diameter	Scaled Diameter	Earth Diameters
Sun	1,392,000 km	139.2 mm	109
Mercury	4,878 km	0.5 mm	0.38
Venus	12,104 km	1.2 mm	0.95
Earth	12,756 km	1.3 mm	1
Mars	6,794 km	0.7 mm	0.53
Jupiter	142,796 km	14.3 mm	11
Saturn	120,660 km	12.1 mm	9
Uranus	51,118 km	5.1 mm	4
Neptune	49,523 km	5.0 mm	4

The *scale factor* is 1 to 10 billion. Every millimeter in this scale model solar system represents 10 billion millimeters in the real solar system!