

## **Scale Model of the Solar System Based on the Sun being the size of a Basket Ball in Diameter**

<b>Object</b>	<b>Actual Size (km)</b>	<b>Scaled Size (mm)</b>	<b>Scaled Distance (m)</b>
Sun	1,391,900	242.5 mm	
Mercury	4,866	0.8	10.1 m
Venus	12,106	2.1	18.84
Earth	12,742	2.2	26.1
Mars	6,760	1.1	39.7
Jupiter	139,516	24.3	135.6
Saturn	116,438	20.2	248.7
Uranus	46,940	8.1	500.2
Neptune	45,432	7.9	784.2
Pluto	2,274	0.3	1,030
Sedna	1,800	0.2	2,253
Nearest Star	1,400,000	275.5	7,034 km
North Star	334,056,000	5,791	707,780 km
Center of Milky Way Galaxy	100,000 Light Years in diameter	163,842,700 km in diameter	45,446,514 km