

# 10 - Measures of the Planets

<b>Larger Scale Model</b>						
<b>Planet</b>	<b>True Diameter</b> in miles	<b>Diameter</b> in inches (50,653 miles/sheet)	<b>True Distance to the Sun</b> in miles	<b>Distance to Sun</b> in sheets (50,653 miles/sheet)	<b>Distance to Sun</b> in inches (50,653 miles/sheet)	<b>Distance to Sun</b> in feet (50,653 miles/sheet)
Mercury	3,032	0.267	35,983,610	710	3,197	266
Venus	7,521	0.664	67,232,360	1,327	5,973	498
Earth	7,926	0.699	92,957,100	1,835	8,258	688
Mars	4,222	0.371	141,635,300	2,796	12,583	1,049
Jupiter	88,846	7.658	483,632,000	9,548	42,966	3,580
Saturn	74,898	6.391	888,188,000	17,535	78,906	6,576
Uranus	31,763	2.576	1,783,950,000	35,219	158,486	13,207
Neptune	30,778	2.494	2,798,842,000	55,255	248,648	20,721
<b>The Sun's diameter in inches (at this scale) is 76.7 in</b>						

<b>Smaller Scale Model</b>						
<b>Planet</b>	<b>True Diameter</b> in miles	<b>Diameter</b> in inches (18,709,074 miles/sheet)	<b>True Distance to the Sun</b> in miles	<b>Distance to Sun</b> in sheets (18,709,074 miles/sheet)	<b>Distance to Sun</b> in inches (18,709,074 miles/sheet)	<b>Distance to Sun</b> in feet (18,709,074 miles/sheet)
Mercury	3,032	0.00073	35,983,610	1.9	8.7	0.7
Venus	7,521	0.0018	67,232,360	3.6	16.2	1.3
Earth	7,926	0.0019	92,957,100	5.0	22.4	1.9
Mars	4,222	0.001	141,635,300	7.6	34.0	2.8
Jupiter	88,846	0.0214	483,632,000	25.9	116.3	9.7
Saturn	74,898	0.018	888,188,000	47.5	213.6	17.8
Uranus	31,763	0.0076	1,783,950,000	95.4	429.1	35.8
Neptune	30,778	0.0074	2,798,842,000	150.0	673.2	56.1
<b>The Sun's diameter in inches (at this scale) is 0.208 in</b>						

**Important Note:** The order of the planets given here is based on the planets'

average distances from the Sun.