

Making a Scale Model of the Solar System

Scale: 1 cm = 3 million kilometers

<u>Planet</u>	<u>Distance in km</u>	<u>from Sun</u>	<u>from Sun</u>
Mercury:	57,950,000	19 cm	7.5 in
Venus:	108,110,000	36 cm	14 in
Earth:	149,570,000	49.8 cm	19.6 in
Mars:	227,840,000	75.9 cm	29.8 in
Jupiter:	778,140,000	2.59 m	8' 6"
Saturn:	1,427,000,000	4.75 m	15' 7"
Uranus:	2,870,300,000	9.56 m	31' 4"
Neptune:	4,499,900,000	15 m	49' 2"
Pluto:	4,786,240,000	15.9 m	52' 2"
Up to 7.3 billion km		24.3 m	79' 8"
Alpha Centauri		145.1 km	90 miles