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| Scaled Model of the Solar System | | | | |
| **Object** | **Real Diameter (km)** | **Real Distance (million km)** | **Scaled Size (cm)** | **Scaled Distance (m)** |
| **Sun** | 1,392,000 |  | 16.51 |  |
| **Mercury** | 4880 | 57.910 | 0.058 (*tiny!* grain of sand) | 6.9 (7 big steps) |
| **Venus** | 12,104 | 108.16 | 0.14 (grain of sand) | 12.8 (13 big steps) |
| **Earth** | 12,742 | 149.6 | 0.15 (grain of sand) | 17.7 (18 big steps) |
| **Mars** | 6780 | 228.0 | 0.08 (almost 1 mm) | 27.0 (27 big steps) |
| **Jupiter** | 139,822 | 778.4 | 1.7 (a dime) | 92.3 (92 big steps) |
| **Saturn** | 116,464 | 1,427.0 | 1.4 (a button) | 169.3 (169 big steps) |
| **Uranus** | 50,724 | 2,869.6 | 0.6 (button snap) | 340.4 (340 big steps) |
| **Neptune** | 49,248 | 4,496.6 | 0.6 (button snap) | 533.3 (533 big steps) |
| **Pluto** | 2274 | 5,913.5 | 0.03 (small piece of dust) | 701.4 (701 big steps) |