



### Moon Fact Sheet

#### Properties

Mass	0.07349 x 10 <sup>24</sup> kg
Radius	1737.4 km
Density	3340 kg/m <sup>3</sup>
Surface gravity	1.6 m/s <sup>2</sup>
Escape velocity (km/s)	2.4 km/s

#### Orbit around the Earth

Orbital distance	0.3844 x 10 <sup>6</sup> km
Revolution period	27.3 days
Orbital velocity	1.0 km/s
Rotation period	27.3 days

#### Lunar Atmosphere

Total mass of atmosphere	~ 25,000 kg
Surface pressure - night	3 x 10 <sup>-18</sup> mbar



Image courtesy of the Lunar and Planetary Institute.