**Mercury**

Type: terrestrial

Moons: 0

Distance from Sun: 0.39 AU

Diameter: 0.38 x Earth

Surface Gravity: 38% of Earth

Surface Temp: -170 to 4000C

Atmosphere: none

Length of day: 59 Earth days

Length of year: 88 Earth days

**Earth**

Type: terrestrial

Moons: 1

Distance from Sun: 1 AU

Diameter: 12,800 km

Surface Gravity: 9.8 N/kg

Avg. Surface Temp: 100C

Atmosphere: dense N2 O2

Length of day: 24 hours

Length of year: 365.24 days

**Venus**

Type: terrestrial

Moons: 0

Distance from Sun: 0.72 AU

Diameter: 0.95 x Earth

Surface Gravity: 91% of Earth

Avg. Surface Temp: 4600C

Atmosphere: dense 96% CO2

Length of day: 243 Earth days

Length of year: 225 Earth days

**Mars**

Type: terrestrial

Moons: 2

Distance from Sun: 1.5 AU

Diameter: 0.53 x Earth

Surface Gravity: 38% of Earth

Avg. Surface Temp: -500C

Atmosphere: thin CO2

Length of day: 24.6 hours

Length of year: 687 Earth days

**Jupiter**

Type: gas giant

Moons: 63 plus faint rings

Distance from Sun: 5.2 AU

Diameter: 11.2 x Earth

Surface Gravity: 253% of Earth

Avg. Atmos. Temp: -1080C

Atmosphere: 88% H, 10%He

Length of day: 10 Earth hours

Length of year: 11.9 Earth years

**Uranus**

Type: gas giant

Moons: 27 plus rings

Distance from Sun: 19.1 AU

Diameter: 4 x Earth

Surface Gravity: 90% of Earth

Avg. Atmos. Temp: -1970C

Atmosphere: 82% H, 15%He

Length of day: 18 Earth hours

Length of year: 84 Earth years

**Saturn**

Type: gas giant

Moons: 47 plus rings

Distance from Sun: 9.5 AU

Diameter: 9.4 x Earth

Surface Gravity: 1.06% of Earth

Avg. Atmos. Temp: -1390C

Atmosphere: 96% H, 3%He

Length of day: 10.7 Earth hours

Length of year: 29.5 Earth years

**Neptune**

Type: gas giant

Moons: 13 plus rings

Distance from Sun: 30 AU

Diameter: 39 x Earth

Surface Gravity: 114% of Earth

Avg. Atmos. Temp: -2010C

Atmosphere: 96% H, 3%He

Length of day: 16 Earth hours

Length of year: 165 Earth years