

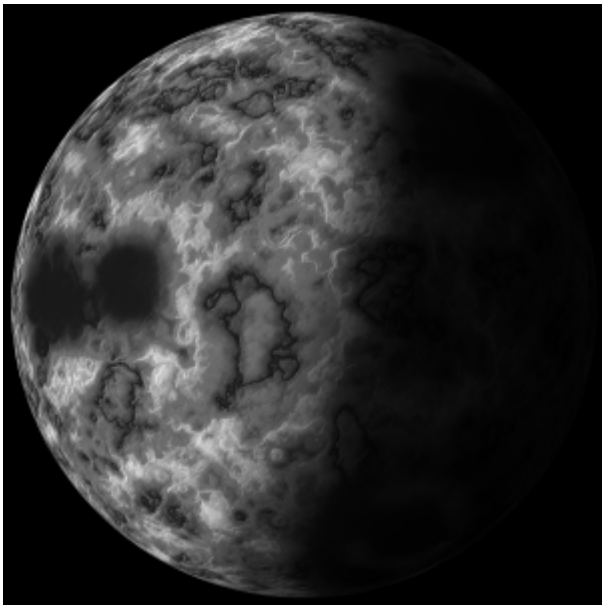
# Kepler III



WIP: This article is a work in progress and is not yet approved for usage in the RP.

The least hazardous of all the inner system planets, Kepler III still has dangerous volcanic activity and a non-breathable atmosphere.

## Planetary Statistics



## Physics

- Type: standard iron/silicate
- Radius: 5117.74 kilometers
- Surface Area:  $3.29 \times 10^8$  square kilometers
- Land Area:  $3.32 \times 10^8$  square kilometers
- Mass:  $3.35 \times 10^{24}$  kilograms
- Density: 5.97 grams per cubic centimeter
- Composition:
  - 35.6% iron
  - 28.6% oxygen
  - 25.9% nickel
  - 9.6% silicon

- 0.3% other metals
- trace other elements

## Gravimetry

- Gravity: 8.5 meters per second squared (0.87 Gs)
- Escape Velocity: 9.33 kilometers per second

## Rotation and Revolution

- Period: 21.59 hours
- Axis Tilt: 23.36 degrees
- Orbiting: [Kepler Prime](#)
- Orbital Radius:  $9.79 \times 10^7$  kilometers (0.65 Astronomical Units)
- Orbital Period:  $8.78 \times 10^3$  hours (1.01 standard years)

## Hydrosphere

- Water: 0%
- Ice: 0%

## Atmosphere

- Type: Standard Reducing
- Pressure: 99.37 kiloPascals
- Composition:
  - 79% hydrogen
  - 12.6% argon
  - 8.3% ammonia
  - trace other gases

## Climate

- Type: Standard
- Minimum Temperature: 205 Kelvins (-67 Celsius)

- Average Temperature: 295 Kelvins (22 Celsius)
- Maximum Temperature: 302 Kelvins (29 Celsius)

## Special Features

### Heavy Volcanism

For a world with no possible habitation, Kepler III is a tectonically active world with abnormally active volcanoes that can be found throughout the surface. Possible exploitation of the world will have to be done with these in mind.

### KP3 Planetary Ring

A debris field of methane ice and stellar dust, the KP3 Planetary Ring orbits the world at a radius of 243,320 kilometers and a period of 384 hours.

## OOO Notes

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