

Trios B

The only moon orbiting the gas giant of [Trios](#) in the [Paracrux](#), Trios B is a hellish world with extreme temperatures due to orbital friction and a superdense atmosphere that could crush even an [Abwehran](#). However, Trios B is large enough to be considered a planet in its own right.

Planetary Statistics

Physics

- Type: Large iron/silicate
- Radius: 10,270.86 kilometers
- Surface Area: 1.33×10^9 square kilometers
- Land Area: 1.34×10^9 square kilometers
- Mass: 2.7×10^{25} kilograms
- Density: 5.96 grams per cubic centimeter
- Composition:
 - 33.2% magnesium
 - 24.5% iron
 - 21.4% oxygen
 - 17.1% silicon
 - 3.9% other metals
 - trace other elements

Gravimetry

- Gravity: 17.02 meters per second squared (1.74 Gs)
- Escape Velocity: 18.7 kilometers per second

Rotation and Revolution

- Period: 27.92 hours
- Axis Tilt: 24.61 degrees
- Orbiting: [Trios](#)
- Orbital Radius: 266,300 kilometer
- Orbital Period: 48 hour

Hydrosphere

- Water: 0%
- Ice: 0%

Atmosphere

- Type: Superdense Reducing
- Pressure: 6.78 MegaPascals
- Composition:
 - 76.2% carbon dioxide
 - 23.8% methane
 - trace other gases

Climate

- Type: Infernal
- Minimum Temperature: 345 Kelvins (71 Celsius)
- Average Temperature: 347 Kelvins (73 Celsius)
- Maximum Temperature: 347 Kelvins (74 Celsius)

OOC Notes

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Place Categories	moon

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