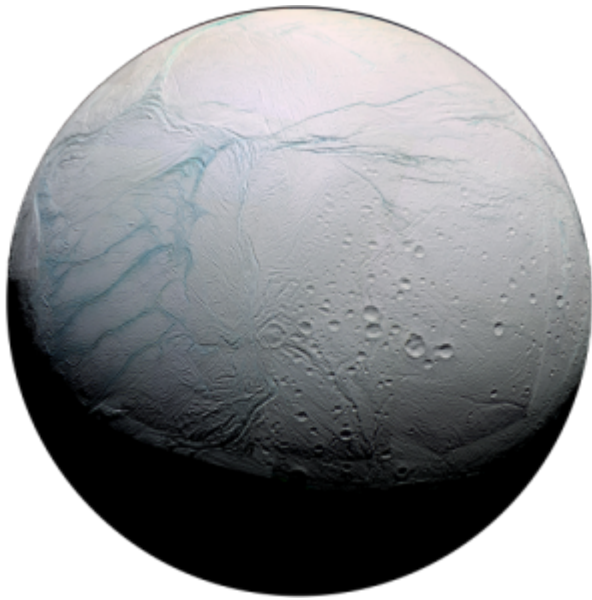


Yggdrasil

The sixth planet and second farthest from the [Paracrux](#), Yggdrasil is a small barren planet surrounded by ice clouds. It was at first mistaken for a comet because of its composition; Yggdrasil has a large amount of water ice and precious metals.

Planetary Statistics



Physics

- Type: Small iron/silicate
- Radius: 4842.17 kilometers
- Surface Area: 2.95×10^8 square kilometers
- Land Area: 2.21×10^8 square kilometers
- Mass: 2.56×10^{24} kilograms
- Density: 5.39 grams per cubic centimeter
- Composition:
 - 34.6% iron
 - 30.9% oxygen
 - 19.3% silicon
 - 10.2% magnesium
 - 5.1% other metals
 - trace other elements

Gravimetry

- Gravity: 7.26 meters per second squared (0.74 Gs)
- Escape Velocity: 8.39 kilometers per second

Rotation and Revolution

- Period: 26.32 hours
- Axis Tilt: 40.75 degrees
- Orbiting: [Paracrux](#)
- Orbital Radius: 1.85×10^9 kilometers (12.37 Astronomical Units)
- Orbital Period: 4.50×10^5 hours (51.46 standard years)

Hydrosphere

- Water: 26%
- Ice: 100%

Atmosphere

- Type: Thin reducing
- Pressure: 61.52 kiloPascals
- Composition:
 - 41.6% carbon dioxide
 - 30.8% water vapor
 - 27.6% argon
 - trace other gases

Climate

- Type: Frozen
- Minimum Temperature: 135 Kelvins (-137 Celsius)
- Average Temperature: 251 Kelvins (-21 Celsius)
- Maximum Temperature: 273 Kelvins (10 Celsius)

OOO Notes

This page was originally created on 2013/06/11 14:20 by [Abwehran Commander](#).

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Last update: **2023/12/20 18:22**

