

Refidh I

Refidh I is a habitable planet in the [Refidh system](#). Temperatures can vary widely. While most places on the planet are cool or cold, under the right conditions the temperature can reach the boiling point of water. This planet has an extreme axial tilt.

Plantary Data

Physics

- Type: Standard ocean
- Radius: 6787.66 km (1.07 x earth)
- Surface Area: $5.79 \times 10^8 \text{ km}^2$
- Land Area: $3.47 \times 10^7 \text{ km}^2$ (0.23 x earth)
- Mass: $6.35 \times 10^{24} \text{ kg}$ (1.06 x earth)
- Density: 4.85 g/cm^3 (0.88 x earth)
- Composition: 28.2% oxygen, 25.7% iron, 21.9% silicon, 11.6% nickel, 11.3% calcium, 1.3% other metals, 0.1% other elements

Gravimetry

- Gravity: 9.16 m/s^2 (0.94 x earth)
- Escape Velocity: 11.15 km/s

Rotation

- Period: 17.98 hours
- Axis Tilt: 65.73 °

Hydrosphere

- Water: 95 %
- Ice: 36 %

Atmosphere

- Type: Thin breathable
- Pressure: 64.02 kPa (0.63 x earth)
- Composition: 75.4% argon, 24.6% oxygen, trace other gases

Climate

- Type: Cold
- Min Temp: 187 K (-85 °C, 121 °F)
- Avg Temp: 283 K (10 °C, 50 °F)
- Max Temp: 375 K (101 °C, 213.8 °F)

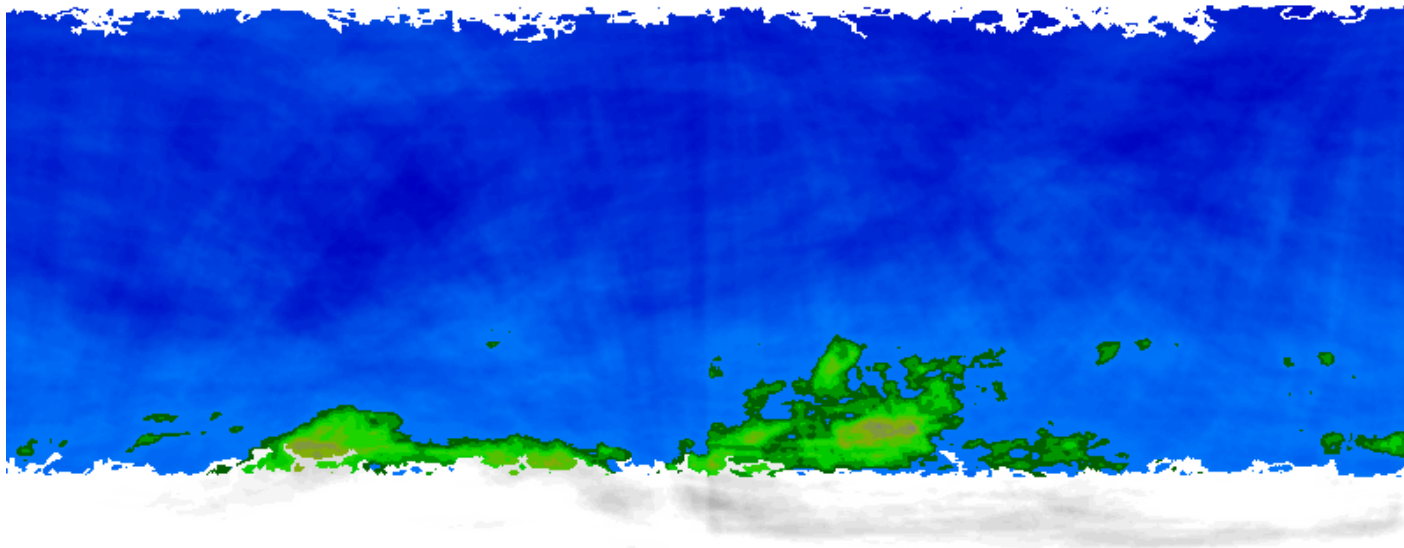
Biosphere

- Chemistry: Nitrogen-phosphorous
- Lifeforms: Prokaryotic microbes

Special Features

Ruins of an ancient civilization, wreckage of a crashed starship

Surface Map



Places of the SARPiverse

Place Categories	planet
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