

Nolan

A world with heavy volcanism and thick clouds that cover the surface in a toxic haze, Nolan is a harsh planet with some semblance of silicon life upon its surface.

Planetary Statistics

Physics

- Type: Standard iron/silicate
- Radius: 6337.86 kilometers
- Surface Area: 5.05×10^8 square kilometers
- Land Area: 5.00×10^8 square kilometers
- Mass: 6.72×10^{24} kilograms
- Density: 6.30 grams per cubic centimeter
- Composition:
 - 35.7% magnesium
 - 32.8% iron
 - 15.5% silicon
 - 15.5% oxygen
 - 0.2% other metals
 - 0.3% other elements

Gravimetry

- Gravity: 11.11 meters per second squared (1.14 Gs)
- Escape Velocity: 11.87 kilometers per second

Rotation and Revolution

- Period: 31.85 hours
- Axis Tilt: 31.83 degrees
- Orbiting: [Paracrux](#)
- Orbital Radius: 7.75×10^7 kilometers (0.52 Astronomical Units)
- Orbital Period: 5.27×10^3 hours (0.60 standard years)

Hydrosphere

- Water: 2%
- Ice: 0%

Atmosphere

- Type: Superdense Toxic
- Pressure: 4.75 MegaPascals
- Composition:
 - 72.3% carbon dioxide
 - 17.6% argon
 - 6.4% sulfur dioxide
 - 2.3% methane
 - 1.5% nitrogen
 - trace other gases

Climate

- Type: Infernal
- Minimum Temperature: 333 Kelvins (60 Celsius)
- Average Temperature: 336 Kelvins (63 Celsius)
- Maximum Temperature: 339 Kelvins (66 Celsius)

Biosphere

- Chemistry: Silicon
- Lifeforms: Prokaryotic microbes

OOC Notes

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Places of the SARPiverse

Place Categories	planet
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