

Neue Jaspis I

The only habitable planet¹⁾ in the [Neue Jaspis](#) for biological life, Neue Jaspis I was only surveyed when the [HMS Fearless](#) visited the system in [259 AF - Fourth Quarter / YE 30](#). Though the SI Invalid from [Relay Moon](#) might have surveyed the world more closely.

Planetary Statistics

Physics

- Type: Large Ocean
- Radius: 8721.21 kilometers
- Surface Area: 9.56×10^8 square kilometers
- Land Area: 2.01×10^8 square kilometers
- Mass: 1.52×10^{25} kilograms
- Density: 5.48 grams per cubic centimeter
- Composition:
 - 49.8% iron
 - 30.7% oxygen
 - 17.6% silicon
 - 1.8% other metals
 - 0.2% other elements

Gravimetry

- Gravity: 13.29 meters per second squared (1.36 Gs)
- Escape Velocity: 15.22 kilometers per second

Rotation and Revolution

- Period: 56.05 hours
- Axis Tilt: 51.79 degrees
- Orbiting: [Neue Jaspis Prime](#)
- Orbital Radius: 5.09×10^8 kilometers (3.40 Astronomical Units)
- Orbital Period: 6.39×10^4 hours (7.31 standard years)

Hydrosphere

- Water: 80%
- Ice: 0%

Atmosphere

- Type: Dense Breathable
- Pressure: 143.14 kiloPascals
- Composition:
 - 78.4% nitrogen
 - 21.6% oxygen
 - trace other gases

Climate

- Type: Standard
- Minimum Temperature: 288 Kelvins (14 Celsius)
- Average Temperature: 303 Kelvins (30 Celsius)
- Maximum Temperature: 355 Kelvins (82 Celsius)

Biosphere

- Chemistry: Nitrogen-phosphorous
- Lifeforms: Prokaryotic microbes

OOC Notes

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Places of the SARPiverse

Place Categories	planet
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¹⁾

there is one habitable moon

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