

# Jaspis II

One of the more hostile environments in the [Jaspis](#) System, Jaspis II's extremely dense, corrosive atmosphere and frequent electromagnetic storms makes mining operations rather costly over all. However, the vast material wealth found on Jaspis II makes many corporations take the risk in investing. Because of this, Jaspis II has been the cause of many bankruptcies and failures.

## Planetary Statistics

### Physics

- Type: Standard iron/silicate
- Radius: 6178.87 kilometers
- Surface Area:  $4.8 \times 10^8$  square kilometers
- Mass:  $6.25 \times 10^{24}$  kilograms
- Density: 6.32 grams per cubic centimeter
- Composition:
  - 35.1% iron
  - 23% oxygen
  - 17.2% nickel
  - 7.7% silicon
  - 17% other metals
  - trace other elements

### Gravimetry

- Gravity: 10.87 meters per second squared (1.11 Gs)
- Escape Velocity: 11.59 kilometers per second

### Rotation and Revolution

- Period: 35.15 hours
- Axis Tilt: 8.70 degrees
- Orbiting: [Jaspis Prime](#)
- Orbital Radius:  $2.91 \times 10^8$  km (1.95 AU)
- Orbital Period:  $2.69 \times 10^4$  hours (3.08 standard years)

### Hydrosphere

- Water: 0%
- Ice: 0%

## Atmosphere

- Type: Superdense Corrosive
- Pressure: 1.49 MegaPascals
- Composition:
  - 39.4% ammonia
  - 35.4% carbon dioxide
  - 24.7% sulfur dioxide
  - 0.5% argon
  - trace other gases

## Climate

- Type: Hot
- Minimum Temperature: 304 Kelvins (31 Celsius)
- Average Temperature: 316 Kelvins (43 Celsius)
- Maximum Temperature: 327 Kelvins (54 Celsius)

## Population Statistics

Due to the difficulty of populating and maintaining living spaces on Jaspis II, the population is normally kept to a minimum that rotates in monthly cycles.

<b>Average Variable Population:</b>	1000
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## Major Facilities

- [Jaspis II Mining Stations Alpha and Beta](#)

## OOO Notes

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