

# Jaspis III

A large world with high amounts of radiation in comparison to Abwehrans norms<sup>1)</sup>, Jaspis III holds a few mining facilities over all. However, radiation levels are quite fine for [Freespacers](#).

## Planetary Statistics

### Physics

- Type: Large iron/silicate
- Radius: 8289.24 kilometers
- Surface Area:  $8.63 \times 10^8$  square kilometers
- Mass:  $1.41 \times 10^{25}$  kilograms
- Density: 5.93 grams per cubic centimeter
- Composition:
  - 35.8% iron
  - 19.5% oxygen
  - 19.5% silicon
  - 16.1% aluminum
  - 9.1% other metals
  - trace other elements

### Gravimetry

- Gravity: 13.67 meters per second squared (1.40 Gs)
- Escape Velocity: 15.05 kilometers per second

### Rotation and Revolution

- Period: 31.91 hours
- Axis Tilt: 5.66 degrees
- Orbiting: [Jaspis Prime](#)
- Orbital Radius:  $5.10 \times 10^8$  kilometers (3.41 Astronomical Units)
- Orbital Period:  $6.24 \times 10^4$  hours (7.14 standard years)

### Hydrosphere

- Water: 0%
- Ice: 2%

## Atmosphere

- Type: Dense Toxic
- Pressure: 135.79 kiloPascals
- Composition:
  - 88.6% sulfur dioxide
  - 11.4% carbon dioxide
  - trace other gases

## Climate

- Type: Standard
- Minimum Temperature: 234 Kelvins (-39 Celsius)
- Average Temperature: 295 Kelvins (22 Celsius)
- Maximum Temperature: 304 Kelvins (31 Celsius)

## Satellites

- [AIY Shipyard Cluster Prime](#)

## Population Statistics

Due to high levels of radiation on the planet, the population of the facility is kept to a minimum and rotated off world monthly. Facilities on Jaspis III are expensive due to the high amounts of lead used in their construction as well as the thickness of the facility walls.

<b>Average Variable Population:</b>	100
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## Major Facilities

- [Jaspis III Mining Station](#)

## OOC Notes

This page was originally created on 2013/06/01 12:24 by [Abwehran Commander](#).

1)

which means extreme amounts when compared to [Neplesians](#)

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