

Jaspis IVd

The first Moon to be exploited by the Abwehrans, Jaspis IVd has a dense toxic atmosphere and heavy volcanism which gives it an extremely hostile environment. However, due to its rich material resources, the benefits often out-weigh the risks. Because of this, many mining outposts have been founded upon Jaspis IVd.

Planetary Statistics

Physics

- Type: Standard iron/silicate Moon
- Radius: 6219.87 kilometers
- Surface Area: 4.86×10^8 square kilometers
- Mass: 5.56×10^{24} kilograms
- Density: 5.52 grams per cubic centimeter
- Composition:
 - 36.8% iron
 - 28.2% oxygen
 - 19.3% silicon
 - 10.8% magnesium
 - 4.9% other metals
 - trace other elements

Gravimetry

- Gravity: 9.55 meters per second squared (0.98 Gs)
- Escape Velocity: 10.9 kilometers per second

Rotation and Revolution

- Period: 16.10
- Axis Tilt: 27.27 degrees
- Orbiting: [Jaspis IV](#)
- Orbital Radius: 2,500,903 kilometers
- Orbital Period: 32 days

Hydrosphere

- Water: 0%
- Ice: 0%

Atmosphere

- Type: Dense Toxic
- Pressure: 122.63 kiloPascals
- Composition:
 - 82.3% sulfur dioxide
 - 17.7% argon
 - trace other gases

Climate

- Type: Standard
- Minimum Temperature: 211 Kelvins (-61 Celsius)
- Average Temperature: 296 Kelvins (24 Celsius)
- Maximum Temperature: 337 Kelvins (64 Celsius)

Population Statistics

The majority of the population is variable due to mining outposts changing shifts and rotating out personnel.

Average Variable Population:	287,099
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Major Facilities

- [Jaspis IVd Mining Stations Alpha Beta Charlie](#)
- [Jaspis IVd Defense Station Alpha](#)
- [Jaspis IVd Research Station](#)

OOO Notes

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