

Oase

An oceanic world located in the [Schongebiet](#) system, Oase has an atmosphere that is comfortable to Abwehrans though it is a bit on the light side. The gravity and climate, however, is poorly suited to Abwehran Physiology. Abwehrans still colonized the planet, though, and many travel to the orbiting [Harbor-class Trade Station](#) to experience Abwehr normal gravity and cooler temperatures.

Planetary Statistics

Physics

- Type: standard ocean
- Radius: 6416.8 kilometers
- Surface Area: 5.17×10^8 square kilometers
- Land Area: 1.09×10^8 square kilometers
- Mass: 5.98×10^{24} kilograms
- Density: 5.40 grams per cubic centimeter
- Composition:
 - 27.9% oxygen
 - 23.1% titanium
 - 21.3% iron
 - 9.5% silicon
 - 9.4% carbon
 - 5.7% other metals
 - 3.0% other elements

Gravimetry

- Gravity: 9.65 meters per second squared (0.99 Gs)
- Escape Velocity: 11.13 kilometers per second

Rotation and Revolution

- Period: 13.82 hours
- Axis Tilt: 11.82 degrees
- Orbiting: [Schongebiet Primus](#)
- Orbital Radius: 2.75×10^8 kilometers (1.84 Astronomical Units)
- Orbital Period: 1.65×10^4 hours (1.89 standard years)

Hydrosphere

- Water: 80%
- Ice: 0%

Atmosphere

- Type: Dense Breathable
- Pressure: 125.30 kiloPascals
- Composition:
 - 74% nitrogen
 - 26% oxygen
 - trace other gases

Climate

- Type: Standard
- Minimum Temperature: 255 Kelvins (-17 Celsius)
- Average Temperature: 299 Kelvins (26 Celsius)
- Maximum Temperature: 364 Kelvins (91 Celsius)

Biosphere

- Chemistry: Carbon
- Lifeforms: Prokaryotic microbes

Satellites

Station	Station Type	Purpose	Orbital Radius	Orbital Period
Schongebiet Trade	Harbor-class Trade Station	Commercial and Industry	412,234 kilometers	696 hours

Population Statistics

Approximate Total Population:	5,000,000
Civilian:	4,694,400
Defense Forces:	305,600
By Location	Population
Saphirblauhafenstadt	500,000
Diamanthafenstadt	500,000
Silberhafen	500,000
Platinport	500,000

Rubinrotstadt	500,000
Homesteads	2,500,000

Planetary Organizations

- [Oase Planetary Government](#)
- [Oase Defense Force](#)

OOC Notes

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- [Approval Thread](#)

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