

Eisjewwl

The only habitable planet in the [Meltra](#) System, Eisjewwl (Meltra III), is colder than the [Abwehran](#) home world of [Abwehr](#). However, its heavy gravity and dense atmosphere make it a lot more suitable for Abwehran physiology than many of the other Northern Colonies. It has been recently rechristened Eisjewwl

Planetary Statistics

Physics

- Type: Large iron/silicate
- Radius: 9204.10 kilometers
- Surface Area: 1.07×10^{15} square kilometers
- Mass: 3.13×10^{25} kilograms
- Density: 9.57 grams per cubic centimeter
- Composition:
 - 44.3% oxygen
 - 32.5% iron
 - 14.4% silicon
 - 7.2% titanium
 - 0.1% other metals
 - 1.6% other elements

Gravimetry

- Gravity: 21.62 meters per second squared (2.51 Gs)
- Escape Velocity: 24.21 kilometers per second

Rotation and Revolution

- Period: 25.81 hours
- Axis Tilt: 10.02 degrees
- Orbiting: [Old Man Star](#)
- Orbital Radius: 4.24×10^8 kilometers (2.83 Astronomical Units)
- Orbital Period: 4.20×10^4 hours (4.81 standard years)

Hydrosphere

- Water: 13%
- Ice: 46%

Atmosphere

- Type: Dense Breathable
- Pressure: 228.05 kiloPascals
- Composition:
 - 63.3% argon
 - 28.36% oxygen
 - 6.8% nitrogen
 - 1.3% carbon dioxide
 - trace other gases

Climate

- Type: Cold
- Minimum Temperature: 250 Kelvins (-22 Celsius)
- Average Temperature: 274 Kelvins (1 Celsius)
- Maximum Temperature: 299 Kelvins (25 Celsius)

Biosphere

- Chemistry: Carbon
- Lifeforms: Prokaryotic Microbes

Satellites

Station	Station Type	Purpose	Orbital Radius
Meltra Trade	Harbor-class Trade Station	Commercial and Manufacturing	203,365 kilometers
Meltra Outpost	Bulwark-class Military Outpost	System Defense and Customs	824,572 kilometers

Population Statistics

Approx. Total Population:	20,700,000
Civilians:	20,474,250
Defense Forces:	225,750
By Location	Population
Eisjewwl Landing	2,070,000
Townships/Villages	14,490,000
Homesteads	4,140,000

Major Facilities

To Be Created

Planetary Organizations

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

OOC Notes

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Places of the SARPiverse

Place Categories	planet
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