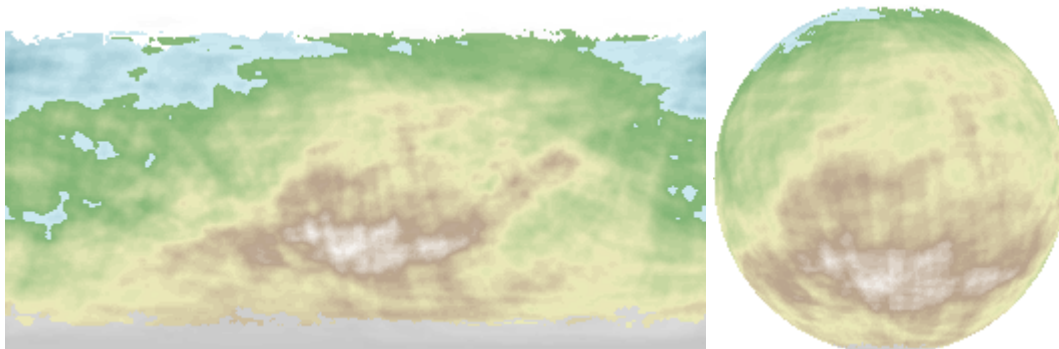


AX-03 I

Planet I in the [AX-03](#) was explored by the [YSS Aeon](#) in [YE 35](#).



Planet Details

Physics

- Type: Standard iron/silicate
- Radius: 7,614.20 km (1.19 x earth)
- Surface Area: $7.29 \times 10^8 \text{ km}^2$
- Land Area: $5.76 \times 10^8 \text{ km}^2$ (3.86 x earth)
- Mass: $1.07 \times 10^{25} \text{ kg}$ (1.79 x earth)
- Density: 5.79 g/cm^3 (1.05 x earth)
- Composition: 48.6% iron, 31.4% oxygen, 10.3% silicon, 7.1% nickel, 2.6% other metals, trace other elements

Gravimetry

- Gravity: 12.28 m/s^2 (1.26 x earth)
- Escape Velocity: 13.67 km/s

Rotation

- Period: 33.81 hours
- Axis Tilt: 19.24°

Hydrosphere

- Water: 22 %

- Ice: 19 %

Atmosphere

- Type: Dense toxic
- Pressure: 215.02 kPa (2.12 x earth)
- Composition: 74.8% sulfur dioxide, 21.5% oxygen, 3.7% carbon dioxide, trace other gases

Climate

- Type: Cool
- Min Temp: 237 K (-35 °C)
- Avg Temp: 287 K (14 °C)
- Max Temp: 342 K (69 °C)

Biosphere

- Chemistry: Carbon
- Lifeforms: Microbes

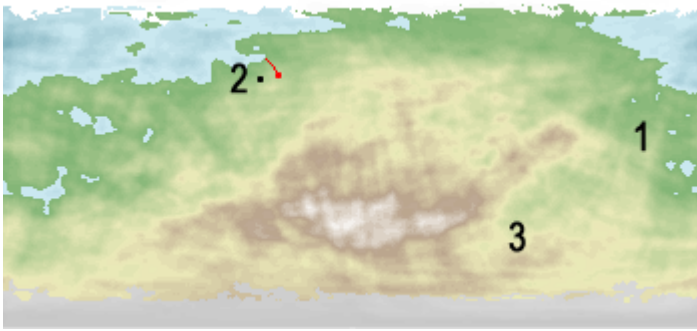
Civilization

- Species: [Thaurgons](#)
- Type: [Thaurgon Garrison](#)
- Population: 2308
- Tech Level: Starfaring (antimatter power, interstellar spacecraft)
- Note: The Thaurgon presence here is due to their ship having crashed. The ship was to land establish the Garrison and then signal their home for colonists to be sent. Unfortunately their Subspace communicator was destroyed in the crash and they have not been able to call home.

Special

- Features: Large moon

Mission



1. Away Team 1
2. Aeon Landing Site
3. Signal source

Places of the SARPiverse

Place Categories	planet
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