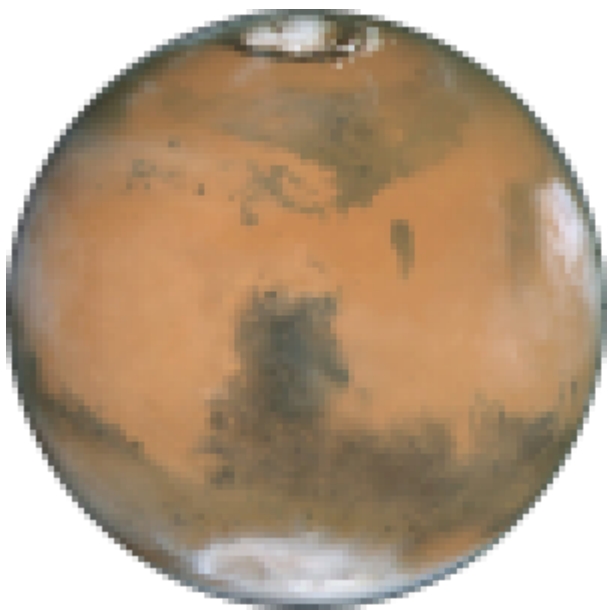


Merovarolor

A hot world where the rain evaporates before striking the surface, Merovarolor is known for some potent electromagnetic storms that dance across its atmosphere. Merovarolor is a geographically unstable world with heavy volcanism and tectonic plate motion. Spectrographic analysis suggests that water may be present beneath the planet's surface.

Planetary Statistics



Physics

- Type: Large iron/silicate
- Radius: 9202.47 kilometers
- Surface Area: 1.06×10^9 square kilometers
- Land Area: 1.07×10^9 square kilometers
- Mass: 1.63×10^{25} kilograms
- Density: 4.98 grams per cubic centimeter
- Composition:
 - 30% iron
 - 28.8% oxygen
 - 17.5% sodium
 - 11.7% silicon
 - 10.5% nickel
 - 0.8% other metals
 - 0.8% other elements

Gravimetry

- Gravity: 12.76 meters per second squared (1.30 Gs)
- Escape Velocity: 15.32 kilometers per second

Rotation and Revolution

- Period: 38.32 hours
- Axis Tilt: 20.21 degrees
- Orbiting: [system:paracrux#Paracrux|Paracrux]]
- Orbital Radius: 1.31×10^8 kilometers (0.88 Astronomical Units)
- Orbital Period: 1.16×10^4 hours (1.33 standard years)

Hydrosphere

- Water: 0%
- Ice: 0%

Atmosphere

- Type: Dense Breathable
- Pressure: 216.4 kiloPascals
- Composition:
 - 77% nitrogen
 - 23% oxygen
 - trace other gases

Climate

- Type: Infernal
- Minimum Temperature: 340 Kelvins (67 Celsius)
- Average Temperature: 341 Kelvins (67 Celsius)
- Maximum Temperature: 341 Kelvins (68 Celsius)

Special Features

Features that draw attention to the planet.

Electromagnetic Storms

This planet has been observed from afar for many years and one of the main features that has drawn

such attention have been the strange electromagnetic storms have trail across its atmosphere. Many contribute this to the heavy volcanism and the dense atmosphere's reaction to it, but no one has yet to study this phenomena.

Heavy Volcanism

Merovarolor has been observed suffering from unusually high amounts of volcanic activity. While this would normally cool a planet down due to ash in the atmosphere, the dense atmosphere combined with the almost perpetual eruptions have caused temperatures to soar.

Merovarolor Rings

Several rings of debris that orbit Merovarolor, the Merovarolor Rings contain mostly ice and dust making exploitation of the rings rather costly. It orbits the planet at an orbital radius of 403,256 kilometers at a period of 480 hours.

OOO Notes

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Places of the SARPiverse

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