

HX-12 III

HX-12 III is a terrestrial planet in the [HX-12](#) system. The atmosphere is not breathable by humans and the average temperatures are fine but can rise to levels deadly to [humans](#). The only natural water that exists on this planet is in polar ice.



History

So far no one has visited this planet.

Physics and Information

- Type Standard iron/silicate
- Radius 6192.40 km (0.97 x earth)
- Surface Area $4.82 \times 10^8 \text{ km}^2$
- Land Area $4.87 \times 10^8 \text{ km}^2$ (3.27 x earth)
- Mass $4.90 \times 10^{24} \text{ kg}$ (0.82 x earth)
- Density 4.92 g/cm^3 (0.89 x earth)
- Composition 36.1% iron, 29.5% oxygen, 16.7% silicon, 10.8% calcium, 3.9% aluminum, 0.1% other metals, 2.9% other elements
- Gravity 8.48 m/s^2 (0.87 x earth)

- Escape Velocity 10.25 km/s
- Period 16.37 hours
- Axis Tilt 17.35 °

Hydrosphere

- Water 0 %
- Ice 14 %

Atmosphere

- Type Thin reducing
- Pressure 74.19 kPa (0.73 x earth)
- Composition 40.5% carbon dioxide, 26.0% hydrogen, 19.4% sulfur dioxide, 9.9% methane, 4.1% nitrogen, 0.1% argon, trace other gases

Climate

- Type Cool
- Min Temp 287 K (14 °C, 57° F)
- Avg Temp 288 K (15 °C, 59° F)
- Max Temp 355 K (82 °C, 180° F)

Biosphere

- None Detected

Special Features

- Heavy volcanism (Largely responsible for the high levels of SO₂ and CH₄)

OOO Notes

Article by [Wes](#). Planet stats generated at donjob.bin.sh

Places of the SARPiverse

Place Categories	planet
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