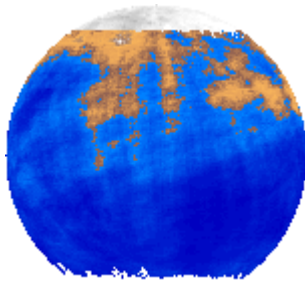


UX-3 III

UX-3 II is the third and outermost planet in the [UX-3 System](#). The air is breathable but this planet is a land of “ice and fire” due to its cold climate, high volcanism, and high oxygen.



History

In [YE 34](#) the planet was used as a dead drop for items, but the items were not picked up until the [YSS Eucharis](#) found them by chance around Halloween [YE 35](#). The items were carried by [Star Army Logistics](#) to [Fort Hanako](#).

In [YE 34](#) the [Scientific Studies Service \(SSS\)](#) deployed a [Ke-P6-02a Bisen Lighthouse](#) in orbit above this planet at the request of the [Star Army of Yamatai](#). It was placed in orbit due to the level of volcanism.

In [YE 38](#), the crew of the [YSS Eucharis](#) visited the lighthouse in orbit and stayed there to recover after a battle with [Rixxikor](#) on [UX-1 I](#).

In [YE 41](#), during the [Kuvexian Invasion of YE 41](#) (part of the [Kuvexian War](#)), this planet fell to the forces of the [Interstellar Kingdom Of Kuvexia](#) and was under occupation.

By [YE 42](#) the colony of [Sood Zadra](#) was established. Also, Kuvexians began adding multi-cellular plant life to the planet.

In [YE 43](#), [Soon Bardoona](#) declared UX-3 III's independence from the [Interstellar Kingdom Of Kuvexia](#)¹⁾.

Planetary Details

High oxygen levels mean increased fire hazards and abundant sulfur dioxide gives the air a pungent stench and can severely irritate the eyes, lungs, and skin. 🦿 [Oxygen Toxicity](#) is a concern for many species.

Physics

- Type Standard ocean
- Radius 6577.81 km (1.03 x earth)
- Surface Area $5.44 \times 10^8 \text{ km}^2$
- Land Area $1.41 \times 10^8 \text{ km}^2$ (0.95 x earth)
- Mass $6.99 \times 10^{24} \text{ kg}$ (1.17 x earth)
- Density 5.87 g/cm^3 (1.06 x earth)
- Composition 45.8% iron, 21.9% oxygen, 18.4% silicon, 8.5% titanium, 5.4% other metals, trace other elements

Gravimetry

- Gravity 10.74 m/s² (1.10 x earth)
- Escape Velocity 11.89 km/s

Rotation

- Period 12.96 hours
- Axis Tilt 24.32 °

Hydrosphere

- Water 75 %
- Ice 40 %

Atmosphere

- Dense breathable
- Pressure 168.86 kPa (1.67 x earth)
- Composition 63.2% argon, 27.2% oxygen, 7.2% nitrogen, 2.4% sulfur dioxide, trace other gases

Climate

- Cold
- Min Temp 211 K (-61 °C/-77.8 °F)
- Avg Temp 275 K (2 °C/35.6 °F)
- Max Temp 291 K (18 °C/64.4 °F)

Biosphere

- Chemistry Carbon
- Lifeforms Prokaryotic microbes

Special Features

- Heavy volcanism

Places of the SARPiverse

Place Categories	planet
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¹⁾

<https://stararmy.com/roleplay-forum/threads/kuvexian-baroness-declares-planet-ux-3-iii-and-neutral-spaceport-sood-zadras-independence-from-the-interstellar-kingdom-of-kuvexia.68143/#post-423267>

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