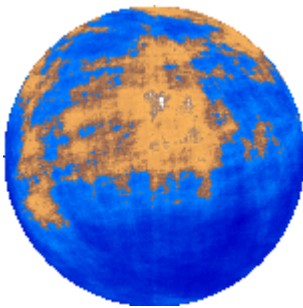


UX-9 II

UX-9 II is a planet with attractive features such as plenty of surface water and excellent temperatures; however, it is also a high gravity world with a very dense atmosphere. Currently the planet only has prokaryotic microbial life, but it could easily support some types of familiar plants and eventually animals. Gravitational forces from its second sun result in heavy volcanism and earthquakes during certain time periods and extreme tides.

This system has been scanned and charted by the [Yamatai Star Empire](#) and the YSE has set up an emergency outpost on the planet. The [Yamatai Star Empire](#) placed orbital communications networks of [Emrys Satellites](#) around all of the terrestrial planets in [YE 36](#).

In [YE 41](#), this world was conquered by forces from the [Interstellar Kingdom Of Kuvexia](#) during the [Kuvexian Invasion of YE 41](#).



Physics

- Type Large ocean
- Radius 8902.85 km (1.40 x earth)
- Surface Area $9.96 \times 10^8 \text{ km}^2$
- Land Area $2.59 \times 10^8 \text{ km}^2$ (1.74 x earth)
- Mass $1.80 \times 10^{25} \text{ kg}$ (3.02 x earth)
- Density 6.10 g/cm^3 (1.11 x earth)
- Composition 32.5% iron, 25.7% magnesium, 17.9% oxygen, 17.5% silicon, 6.3% other metals, trace other elements

Gravimetry

- Gravity 15.10 m/s^2 (1.54 x earth)
- Escape Velocity 16.40 km/s

Rotation

- Period 45.91 hours

- Axis Tilt 27.69 °

Hydrosphere

- Water 75 %
- Ice 2 %

Atmosphere

- Type Dense breathable
- Pressure 256.21 kPa (2.53 x earth)
- Composition 77.7% nitrogen, 19.7% oxygen, 2.4% argon, 0.2% carbon dioxide, trace other gases

Climate

- Type Standard
- Min Temp 260 K (-12 °C 10.4 °F)
- Avg Temp 295 K (22 °C 71.6 °F)
- Max Temp 315 K (42 °C 107.6 °F)

Biosphere

- Chemistry Carbon
- Lifeforms Prokaryotic microbes

Special Features

- Heavy volcanism

Features

In [YE 34](#) the [Scientific Studies Service \(SSS\)](#) deployed a *Ke-P6-01a* [Bisen Lighthouse](#) on the surface of the planet at the request of the [Star Army of Yamatai](#).

Places of the SARPiverse

Place Categories	planet
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