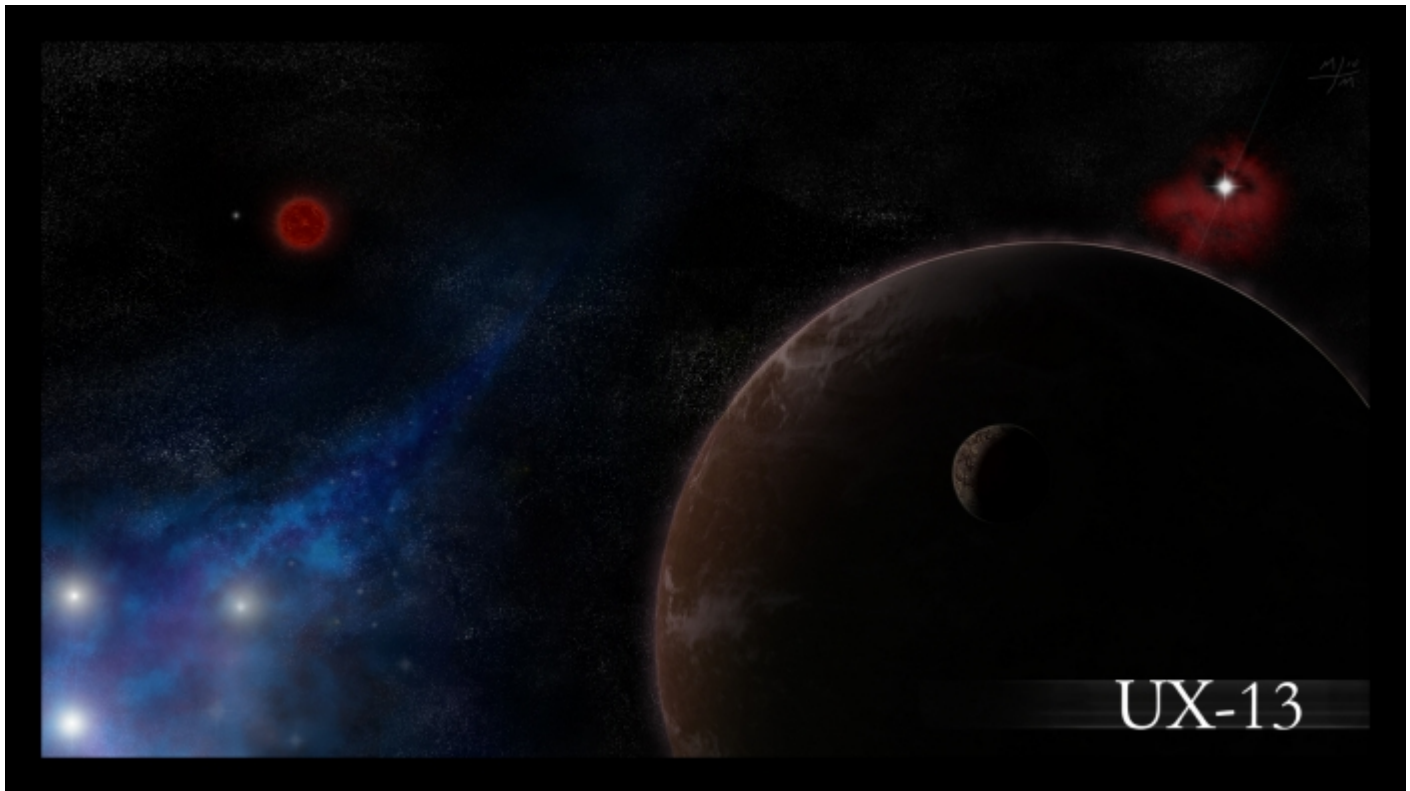


# Forge

Planet Forge, formerly called UX-13 I, is the lone planet in the [UX-13 System](#).



Note that Forge is a high-gravity world. An average [Nekovalkyrja, Type 33](#), who normally weighs 45kg (99lbs) would weigh 55.8kg (123lbs), for instance. Also note that things ignite and burn much more easily on Forge, due to higher oxygen levels (26.1% vs. Earth's 20.95%). The sunlight is red and not very bright, making things look dim and pink most of the time. It can get very hot on the surface. Normal trees cannot grow on Forge due to the lack of [carbon dioxide](#).

## History

Forge was colonized by the [Yamatai Star Empire](#) in [YE 30](#).

In [YE 36](#), this planet became part of the [PAINT](#) public transportation system and has a [Tenba](#) that regularly visits and provides passenger flights to [Shinjuku Starport](#) on [Hanako's World](#). In [YE 38](#), [Trinary Star Shipping](#) established a storefront on Forge.

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

## Facilities

- A [Frontier Starport](#), built in YE 33
- [UX-13 Training Center \(Fort Ready II\)](#)
- 500 [Refugee Towns](#) (closed in YE 36)

## Scientific Data

### Physics

- Type Large iron/silicate

Radius 8436.58 km (1.32 x earth)

- Surface Area  $8.94 \times 10^8 \text{ km}^2$
- Land Area  $5.01 \times 10^8 \text{ km}^2$  (3.36 x earth)
- Mass  $1.30 \times 10^{25} \text{ kg}$  (2.18 x earth)
- Density  $5.17 \text{ g/cm}^3$  (0.94 x earth)
- Composition 28.3% oxygen, 27.2% iron, 17.0% aluminum, 16.6% silicon, 8.4% sulphur, 1.1% other metals, 1.4% other elements

### Gravimetry

- Gravity 12.14 m/s<sup>2</sup> (1.24 x earth)
- Escape Velocity 14.31 km/s

### Rotation

- Period 22.57 hours
- Axis Tilt 21.25 °

### Hydrosphere

- Water 45 %
- Ice 16 %

### Atmosphere

- Type Standard breathable
- Pressure 93.97 kPa (0.93 x earth)
- Composition 73.9% nitrogen, 26.1% oxygen, trace other gases

## Climate

- Cool
- Min Temp 255 K (-17 °C)
- Avg Temp 295 K (22 °C)
- Max Temp 352 K (79 °C)

## Biosphere

- Chemistry Carbon
- Lifeforms Prokaryotic microbes

## Special Features

- Large moon

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