

UX-20

Star System UX-20 is a star system charted by [Kitsurugi Uesu](#) during his departure from Central [Yamatai](#). The [First Expeditionary Fleet](#) colonized UX-20 I in [YE 30](#).

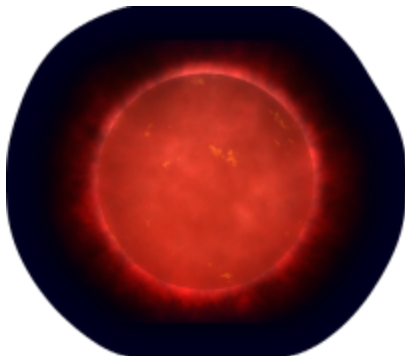
UX-20 has a dim red star and a lonely, chilly, plant-less planet about twice the size of Earth. There is a [Frontier Starport](#) here. In [YE 36](#), the starport became part of the [PAINT](#) public transportation system and has a [Tenba](#) that regularly visits and provides passenger flights to [Shinjuku Starport](#) on [Hanako's World](#).

The [Yamatai Star Empire](#) placed a global communications network of [Emrys Satellites](#) into orbit of the system's terrestrial world in [YE 36](#).

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

Star System

Star Data



- Type M5 V Red Dwarf
- Radius 3.04×10^5 km (0.44 x sol)
- Mass 7.78×10^{29} kg (0.39 x sol)
- Temperature 2600 K
- Luminosity 1.55×10^{25} W (0.04 x sol)



- Type Terrestrial World
- Orbital Radius 2.69×10^7 km (0.18 AU)
- Period 1.06×10^3 hours (0.12 earth years)
- Physics Large iron/silicate
- Hydrosphere 47 % water, 13 % ice
- Atmosphere Standard breathable
- Biosphere Microbes, fungi

Planetary Data

- Type Large iron/silicate
- Radius 7927.31 km (1.24 x earth)
- Surface Area 7.90×10^8 km²
- Land Area 4.26×10^8 km² (2.86 x earth)
- Mass 1.19×10^{25} kg (1.99 x earth)
- Density 5.71 g/cm³ (1.03 x earth)
- Composition 42.8% iron, 28.8% oxygen, 14.8% silicon, 10.6% magnesium, 3.0% other metals, trace other elements

Gravimetry

- Gravity 12.59 m/s² (1.29 x earth)
- Escape Velocity 14.13 km/s

Rotation

- Period 35.44 hours
- Axis Tilt 67.82 °
- Hydrosphere
- Water 47 %
- Ice 13 %

Atmosphere

- Type Standard breathable
- Pressure 106.43 kPa (1.05 x earth)
- Composition 73.7% argon, 26.3% oxygen, trace other gases

Climate

- Type Cool

- Min Temp 245 K (-27 °C)
- Avg Temp 293 K (19 °C)
- Max Temp 360 K (87 °C)

Biosphere

- Chemistry: Carbon
- Lifeforms: Microbes, fungi

Map Locations	
Map to Use	Kikyo Sector
Map Display Name	UX-20
Map Coordinates	380,202
Map Importance	Minor RP Location
Show label?	yes
Marker Anchor	Bottom Center
Places of the SARPiverse	
Place Categories	star system

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