

# Miu

Miu is a star system located on the space lane between [Tatiana](#) and [Jiyuu System](#). It is part of the [Yamatai Star Empire](#). It has one habitable planet, Miu I.

## History

Miu was originally colonized in [YE 28](#) under the control of the [Fifth Expeditionary Fleet](#) and protection until [YE 29](#) when the [Mishhuvurthyar](#) conquered the [Bard Cluster](#). It was then under the control of the [Mishhuvurthyar](#) until their defeat in [YE 30](#).

After the [Mishhuvurthyar](#) were driven off the system was once again under the control of the [Yamatai Star Empire](#). The system was under the control of the [Fourth Fleet](#), and it was re-colonized primarily by former [Yamatai Star Empire](#) soldiers. It was named after the [Taisho Shimizu-Motoyoshi Akina](#) (清水本吉明菜)'s daughter [Shimizu-Motoyoshi Miu](#).

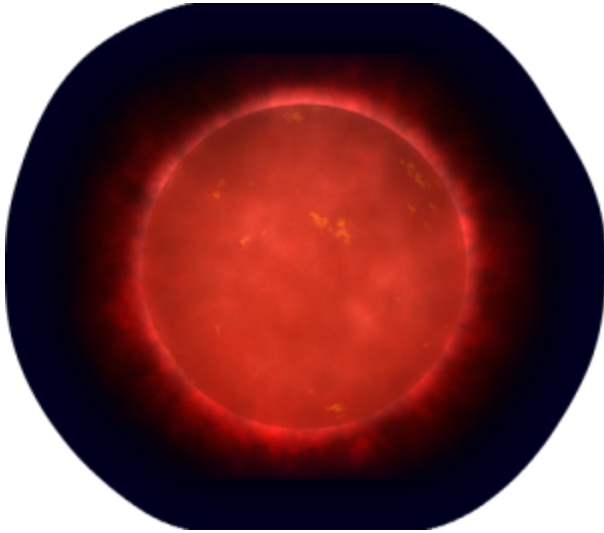
In [YE 32](#) the colony was abandoned when the [NMX](#) forced the [Fourth Fleet](#) to have to consolidate its holdings after losing a major portion of their fleet in two engagements. Prior to abandoning it the [Fourth Fleet](#) damaged all structures and equipment so they could not be used by the enemy.

In [YE 35](#) 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](#).

In [YE 36](#), Miu was restored to the list of planets claimed by Yamatai because of its position on the path to Jiyuu and the Outer Colonies, following the signing of the [Defense Arrangement Treaty \(of the\) Alliance of Signatory States](#).

In [YE 41](#), mercenaries working for the [Interstellar Kingdom Of Kuvexia](#) killed all Yamataian forces in this star system, as part of the [Kuvexian Invasion of YE 41](#) during the [Kuvexian War](#). The attacked current during the [Year-End Holidays](#)<sup>1)</sup>.

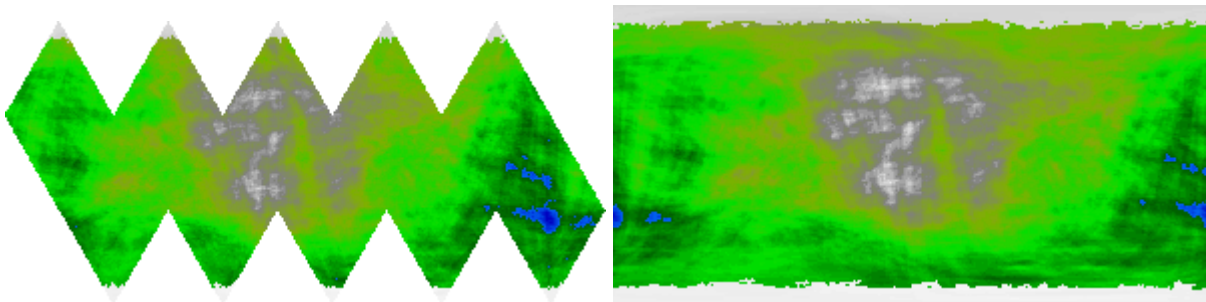
## Star Data



- Type: M3 V Red Dwarf
- Radius:  $2.94 \times 10^5$  km (0.42 x sol)
- Mass:  $7.03 \times 10^{29}$  kg (0.35 x sol)
- Temperature: 2900 K
- Luminosity:  $1.19 \times 10^{25}$  W (0.03 x sol)

## Planetary Data

Presented below is some scientific data for the planet Miu I.



## Physics

- Type: Standard iron/silicate
- Radius: 5304.40 km (0.83 x earth)
- Surface Area:  $3.54 \times 10^8$  km<sup>2</sup>
- Land Area:  $3.50 \times 10^8$  km<sup>2</sup> (2.35 x earth)
- Mass:  $3.63 \times 10^{24}$  kg (0.61 x earth)
- Density: 5.80 g/cm<sup>3</sup> (1.05 x earth)
- Composition: 43.9% iron, 29.0% oxygen, 12.9% aluminum, 12.1% silicon, 1.6% other metals, 0.6% other elements

## Gravimetry

- Gravity:  $8.56 \text{ m/s}^2$  (0.88 x earth)
- Escape Velocity: 9.53 km/s

## Rotation

- Period: 25.89 hours
- Axis Tilt: 34.42 °

## Hydrosphere

- Water: 2 %
- Ice: 13 %

## Atmosphere

- Type: Standard breathable
- Pressure: 94.58 kPa (0.93 x earth)
- Composition: 63.2% argon, 21.5% nitrogen, 11.8% oxygen, 3.5% carbon dioxide, trace other gases

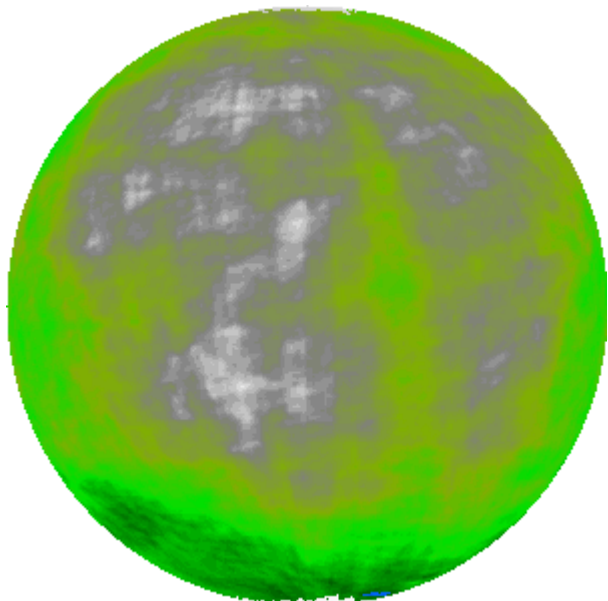
## Climate

- Type: Cool
- Min Temp: 201 K (-71 °C, -95.8 °F)
- Avg Temp: 296 K (23 °C, 73.4 °F)
- Max Temp: 352 K (79 °C, 174.2 °F)

## Special

- Features: Planetary rings

# Miu I



The planet has a comfortable average temperature but depending on location and season, can be very cold or hot. Its atmosphere is 3.5% Carbon dioxide, which may cause medical issues especially after a week of exposure, so a filter mask is recommended. Effects of breathing the planet's atmosphere on [humans](#) include flushed skin, rapid respiration, higher pulse and blood pressure, and mild narcosis (passing out). The body can adjust some over time, becoming less sensitive to the CO<sub>2</sub>.

The [Star Army of Yamatai](#) built a fort here called [Fort Jal](#), named after [Taisho Araiah Jal](#).

Places of the SARPiverse	
Place Categories	star system

<sup>1)</sup>  
<https://stararmy.com/roleplay-forum/threads/miu-falls-to-kuvexian-mercenaries.65172/>

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