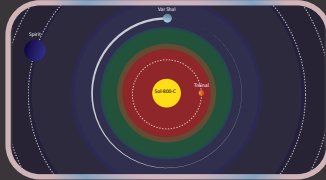


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Yolksnre System

The Yolksnre planetary system was discovered in 2464 by rogue cosmonauts exploring neighboring systems. They have observed a huge potential for life and alerted local scientists. A human colony with 67 domes has been established on the planet for scientific research.



Planetary Data

| | | | |
|-----------------------------|---------------|-----------------|------------------|
| Distance From Star | 3.06 AU | n/a | Known Satellites |
| Average Surface Temperature | -86°C | 0.58 Earths | Mass |
| Planetary Age | 4,120,000,000 | Nitrogen Carbon | Composition |
| Orbital Period | 4 years | 3.6 m/s² | Surface Gravity |

● Too Hot
● Just Right
● Too Cold

2022 - 1st year

Description

In a dim, obscure world, this planet finds itself orbiting a Red Dwarf - one of the least bright type of stars. It is slightly smaller than Jupiter, yet its bright auroras won't let you forget the magnificence of this peculiar gas giant. The view below is from one of its moons, which also has an atmosphere.



Physical

| | |
|-------------|--------------|
| Mass | 0.21078 M |
| ESI | 0.051 |
| Gravity | 9.65 m/sec² |
| Rotation P. | 13h33m55.98s |
| Life Forms | None |

Internal Structure

| | |
|-----------------|--------|
| Hydrogen | 7.7% |
| Helium | 0.709% |
| Water/Ice | 72.5% |
| Silicate mantle | 13.8% |
| Metallic core | 5.29% |

Temperature

| | |
|------|-----------|
| Min | -241.58°C |
| Mean | -241.57°C |
| Max | -241.47°C |

Atmosphere

| | |
|-----------------|--------|
| H ₂ | 92.5% |
| He | 7.1% |
| CH ₄ | 0.293% |

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2025 - 3rd year