

# Al'Mirzam

Al'Mirzam is strange and mysterious system that was first discovered roughly 7 LY to the south of the [Iruotl System](#), by a probe initially sent out in the early [AR 600's](#). The system was originally deemed to be unsuitable for life because no vaguely habitable or terraformable worlds were detected, but a recent expedition by the [Astral Vanguard](#) revealed an unusual artificial planet-like body a significant distance from the binary star system's two suns, and further out, the remains of a massive fleet that appears to have been destroyed by some great cataclysm.

It is this mysterious artifact and the massive field of ancient wreckage on the far rim of the system which have drawn the attention of the [Iromakuanhe Astral Commonwealth](#). It is in the current era that many young [Eyr Ranr](#) have come to the artifact, to see the mysterious "World of the Endless Sky" for themselves.

## System Data

Below is the system data:

### Dougga

Dougga is the white main sequence star of the system's two stars.

- Type F8V White Main Sequence Star
- Radius  $5.77265 \times 10^8$  m (.97 Sol)
- Mass  $1.8496956 \times 10^{30}$  kg (.93 Sol)
- Temperature 7197 K
- Luminosity  $4.6068 \times 10^{26}$  (1.2 Sol)

### Avaris

Avaris is the yellow main sequence star of the system's two stars.

- Type G6V Yellow Main Sequence Star
- Radius  $7.6456315 \times 10^8$  m (1.0993 Sol)
- Mass  $2.17587848 \times 10^{30}$  kg (1.094 Sol)
- Temperature 5730 K
- Luminosity  $3.87 \times 10^{26}$  W (1.0081 Sol)

### Dyaus Corona

The Dyaus Corona is a circumstellar cloud that sits between the world of Al'Mirzam and the system's

binary stars, forming a blueish purple ring of dust and gas that completely encircles the system for millions of kilometers, drawn in by the forces of gravity but never enough to cause the cloud to aggregate into a complete celestial body or be pulled into the center of the system. This results in most views of the system's suns being cut on a slant, when seen from planet Al'Mirzam.

- Type Gas Cloud
- Orbital Radius (2-6.5 AU)

## Al'Mirzam

Planet Al'Mirzam is the only planet-like object of the system.

- Type Artificial Planet
- Orbital Radius 11 AU
- Period  $61.360 \times 10^3$  Hours (7 Earth Years)
- Hydrosphere 97% Water, 3% Ice
- Atmosphere Breathable
- Biosphere Complex Fauna and Flora
- Gravity 8.2 m/s<sup>2</sup> (.831 Earth)
  
- Population Unknown

## Ereshkigal Debris Field

- Type Debris Fields
- Orbital Radius 19.2 AU
- Period  $388.325 \times 10^3$  Hours (44.3 Earth Years)
- Contents: Unknown [Black Claw-era](#) Wreckage, Unknown Origin (99% Unsalvageable)

## Planet Al'Mirzam

Al'Mirzam is the namesake world of the Al'Mirzam Star System, an artificial planet twice the size of any of the habitable planets settled by the [Iromakuanhe](#) race and comprised of an endless blue sky dotted by spires that reach up hundreds of kilometers from the uncharted depths of the planet's world-spanning ocean, with floating platforms and mysterious mechanical drones servicing the various installations of the world at all times.

[Eyr Ranr](#) pilgrims and settlers call Al'Mirzam the '*World of the Endless Sky*' because of the unique structure of the planet, which has over six thousand kilometers of navigable, habitable sky above sea level because of an unknown atmospheric control mechanism built into the planet.

# Planetary Structures

The Vent spires are the most noticeable feature of Al'Mirzam, massive superstructures made of a high invulnerable pre-Commonwealth [material](#) which is not composed of metallic or non-metallic elements that jut out between two thousand to six thousand kilometers into the sky. There are superconductive rails, floating platforms, a drone flotilla, and a caretaker system of the planet.

## General Information

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## Practical Information

- Day Length 44 Hours
- Year 2556 Days
- Seasons 4<sup>1)</sup>; Winter, Spring, Summer, Fall

## OOO Notes

Currently being revised by Ame.

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<b>Places of the SARPiverse</b>
<b>Place Categories</b>   planet, star system

<sup>1)</sup>

Artificial

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