

Elysia Novus

Elysia Novus		
	Owner	Elysian Celestial Empire
	Population ¹⁾	~3,100,000,000
	Assets	3 Planetary Shipyards

Settled by the [Elysians](#) in [AD 3989 \(YE 18\)](#) following their defeat by the [Army of Uesureya](#) in the [Third Elysian War](#), the third planet of the [Elysia Novus](#) star system - known as *Elysia Novus* in [Seraphim](#) and *New Elysia* in [Trade](#) - is the capital and (new) homeworld of the [Elysian Celestial Empire](#).

The [Yamatai Star Empire](#) placed a global communications network of [Emrys Industries EM-03 "Hirakeru" Communication Satellites](#) into orbit in [AD 4007 \(YE 36\)](#). [Trinary Star Shipping](#), which has storefronts in all of the planet's major cities, is the primary provider of shipping services; lastly, [Iemochi Applied Technologies](#) - a subsidiary of [Iemochi Innovations & Sales](#) - has its [headquarters](#) located in [Empyrean](#).

Since [AD 4007 \(YE 36\)](#), Elysia Novus has been part of the [PAINT](#) transit system. A [Star Army of Yamatai](#)-operated terminal with flights to [Amatsu-Yamatai](#), [Elysia Veteris](#) every two [hours](#) can be found at the [Diplomatic Institute](#) in [Empyrean](#).

More about Elysia Novus

The following section contains specific information about various aspects of Elysia Novus.

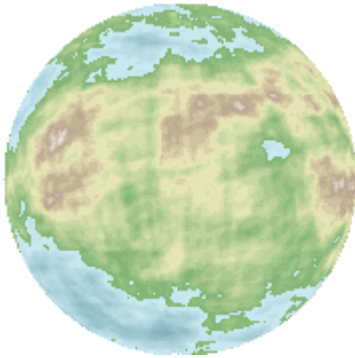
Star



Elysia Novus orbits around the similarly-named star of [Elysia Novus](#) once every [252 days](#) at a distance of one astronomical unit - equivalent to [149,600,000 kilometers](#) or [92,957,130.3587 miles](#) - and has a day that lasts [30 hours](#).

- 🌌 **Class:** 🌌 **G3 V Yellow Dwarf**
- Radius: 818,000.0 kilometers²⁾
- Mass: 2.67×10^{30} kilograms³⁾
- Temperature: 5,326.85 °C⁴⁾
- 🌌 **Luminosity:** 6.25×10^{26} watts

Environment



Elysia Novus is a pleasant planet, with most regions having a warm temperate climate. The most common terrain type is that of mountains, with forests coming a close second. Strangely enough, the planet only has two 'continents,' a single ocean, numerous seas of great size, and a vast number of variously-sized islands.

The temperature of Elysia Novus varies greatly in places such as at the planetary equator and the north and south poles; for the majority of the planet, however, the average temperature is between 14 degrees 🌌 **Celsius** (57.2 degrees 🌌 **Fahrenheit**) and 19 degrees 🌌 **Celsius** (66.2 degrees 🌌 **Fahrenheit**), getting colder as one goes higher up in elevation.

Elysia Novus once had indigenous 🌌 **fauna**, however the **Elysians** have largely disposed of any that didn't fit in with the new ecosystem they brought with them from **Elysia Veteris** - hence the land is now occupied entirely by 🌌 **flora** and 🌌 **fauna** either introduced by or designed by the **Elysians**.

- Climate Type: Standard Temperate
- Minimum Temperature: -56.0 °C⁵⁾
- Mean Temperature: 16.0 °C⁶⁾
- Maximum Temperature: 55.0 °C⁷⁾

Cities

The capital of Elysia Novus is **Empyrean** and is by far the largest city on the planet, with the majority of the population scattered in smaller settlements that are typically based around a **Patrician's** estate.

Points of Interest

- **Diplomatic Institute**

- [Empyrean^{8\)}](#)
- [Floating Manors](#)
- [Great Temple^{9\)}](#)

Population

Given its status as the capital and homeworld of the [Elysian Celestial Empire](#), the population of Elysia Novus is unsurprisingly composed almost entirely of [Elysians](#), with the only exception being the roughly twenty thousand [Yamataians](#) stationed at the [Diplomatic Institute](#).

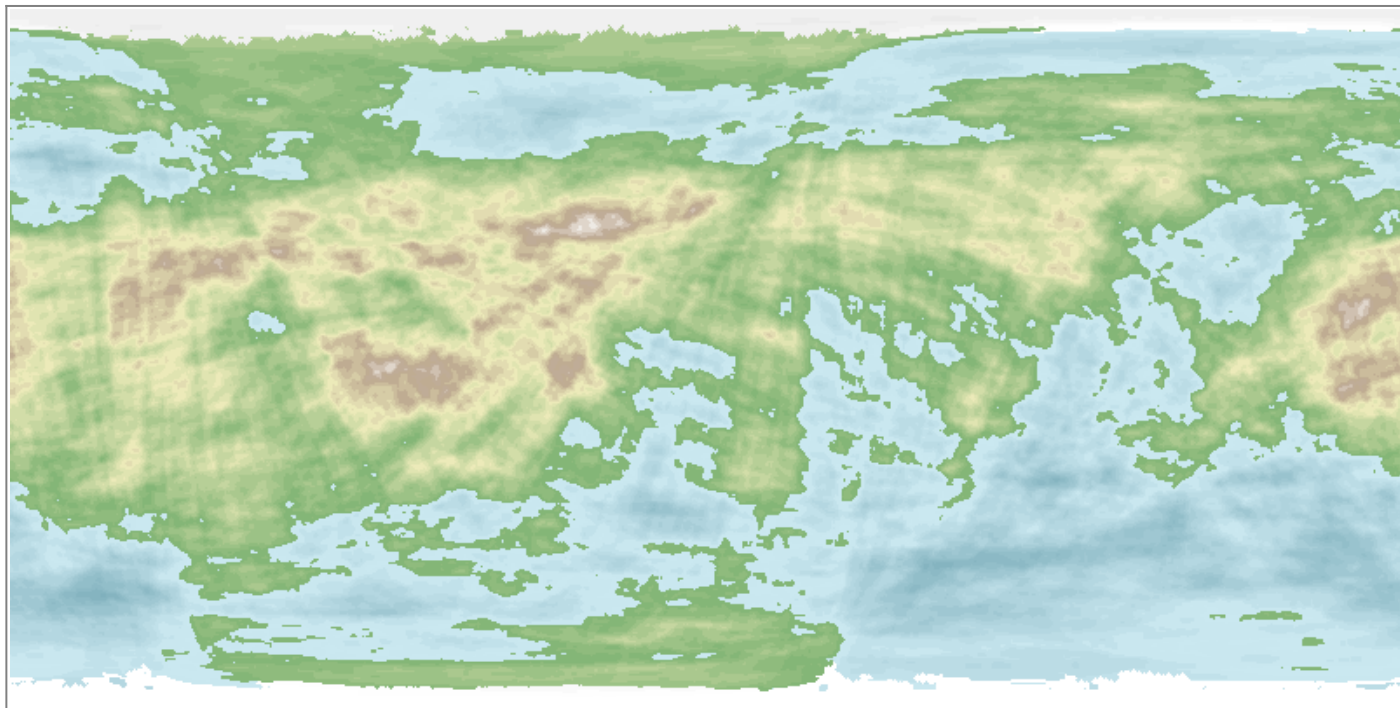
AD MMMMX (AD 4010) Planetary Census Results

- [Caelisolans](#): 64.7%¹⁰⁾
- [Patricians](#): 20.0%¹¹⁾
- [Plebeians](#): 15.2%¹²⁾
- [Yamataians](#): 0.00007%¹³⁾
- Planetary Population: ~3,096,900,000 [Elysians](#), ~20,000 [Yamataians](#)

Planetary Information

Orbit			Physics		
Orbital Radius	1 Astronomical Unit ¹⁴⁾		Type	🌐Terrestrial (Standard 🌐Iron)	
🌐Orbital Period	252 days		Radius	5,956.3 kilometers ¹⁵⁾	
Gravimetry			🌐Hill Sphere Radius	1,278,529.5 kilometers ¹⁶⁾	
🌐Surface Gravity	0.96g ¹⁷⁾		Surface Area	446,000,000.0 kilometers ²¹⁸⁾	
🌐Escape Velocity	10.56 kilometers/second ¹⁹⁾		Land Area	205,000,000.0 kilometers ²²⁰⁾	
Rotation			Mass	5.00 x 10 ²⁴ kilograms ²¹⁾	
🌐Axial Tilt	46.12°		Density	5.65 grams/centimeter ³²²⁾	
🌐Rotation Period	30 hours		Physical Composition	Percentage	🌐Element
Atmosphere				47.6%	🌐Iron
🌐MSL 🌐Atmospheric Pressure	96.7 kilopascals ²³⁾			25.0%	🌐Oxygen
Atmospheric Composition	Percentage	🌐Element		19.2%	🌐Silicon
	74.4%	🌐Nitrogen		5.3%	🌐Aluminum
	25.5%	🌐Oxygen		2.3%	Other 🌐metals
	0.01%	Other 🌐elements		0.7%	Other 🌐elements
Biosphere			Hydrosphere		
🌐Biosphere Type	🌐Carbon-based		🌐Hydrosphere Composition	Percentage	Type
Lifeforms	🌐Flora and 🌐Fauna			55%	Water
				7%	🌐Ice

Planetary Map



Satellites



Elysia Novus has an unusually large satellite - called *Angelus Novum* - that is notable for being particularly reflective of [Elysia Novus'](#) rays.

OOC Notes

Frostjaeger [updated](#) this article on 2018/03/02 21:00 after receiving [approval](#) from [Wes](#) on 2018/03/01 18:24.

Places of the SARPiverse	
Place Categories	planet

¹⁾

As of [AD 4010](#) ([YE 39](#)).

²⁾

508,281.6353 miles

³⁾

5.8863×10^{30} pounds

4)

9,620.3300 °F

5)

-68.8000 °F

6)

60.8000 °F

7)

131.0000 °F

8) 9)

This location is not accessible to tourists or most non-[Elysians](#).

10)

~2,005,700,000 [Caelisolans](#)

11)

~620,000,000 [Patricians](#)

12)

~471,200,000 [Plebeians](#)

13)

~20,000 [Yamataians](#)

14)

149,597,900.0 kilometers, 92,955,825.4800 miles

15)

3,701.0732 miles

16)

794,441.4055 miles

17)

9.4176 meters/second², 30.8976 feet/second²

18)

172,201,562.7099 miles²

19)

6.5616 miles/second

20)

79,150,942.5012 miles²

21)

1.1023 x 10²⁵ pounds

22)

0.2033 pounds/inch³

23)

14.0207 pounds/inch²

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