

Earth

Status: Classical Terrestrial Planet

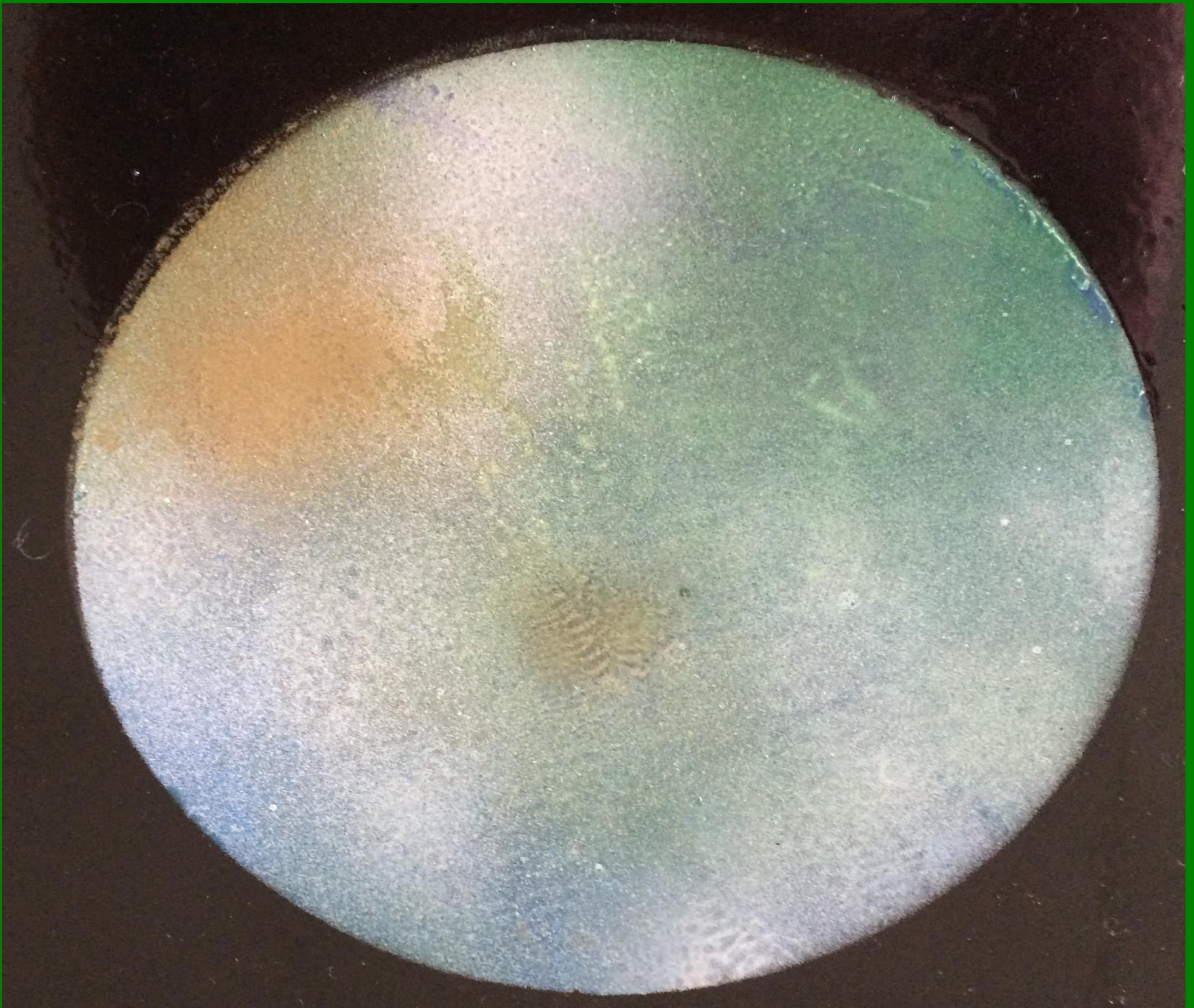
Diameter: 12,742 km

From the Sun:

Position: 3rd Planet

Actual Distance: 149,570,0000 km

Scale Distance: 26 m



“Did you know the earth’s core can reach 10,832 degrees Fahrenheit? That is as hot at the sun’s surface!” - Kieran

Jupiter

Status: Classical Gas Giant Planet

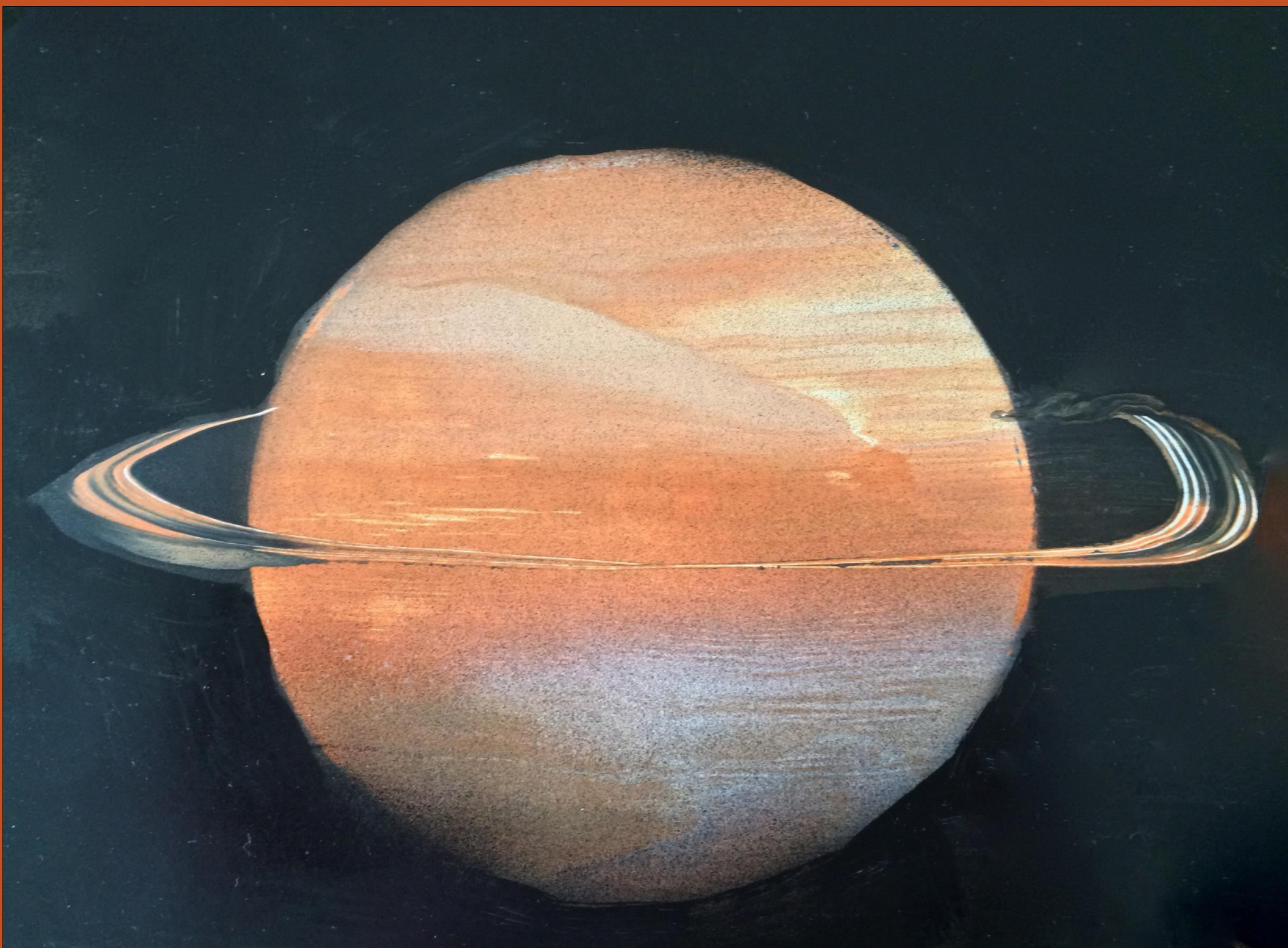
Diameter: 142,984 km

From the Sun:

Position: 5th planet

Distance: 778,140,000 km

Scale Distance: 133m



"Did you know Jupiter is so big it is 2 1/2 times more massive than all the other planets in the solar system combined?" - Carmen

Mars, Ceres and the Asteroid Belt

Mars

Status: Classical

Terrestrial Planet

Diameter: 6,760 km

From the Sun:

Position: 4th Planet

Actual Distance:

227,840,000 km

Scale Distance: 38 m

Ceres

Status: Dwarf Planet

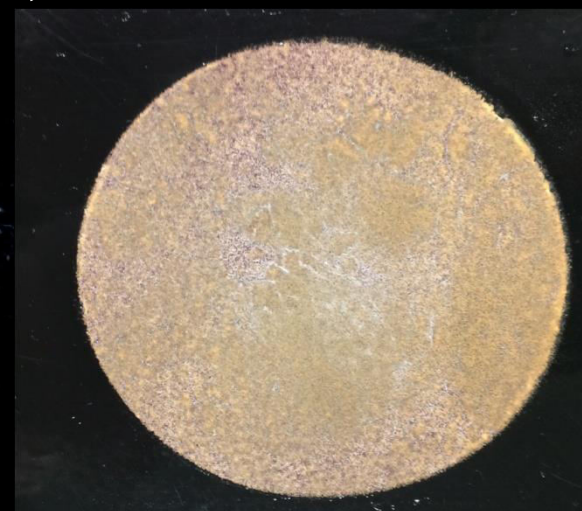
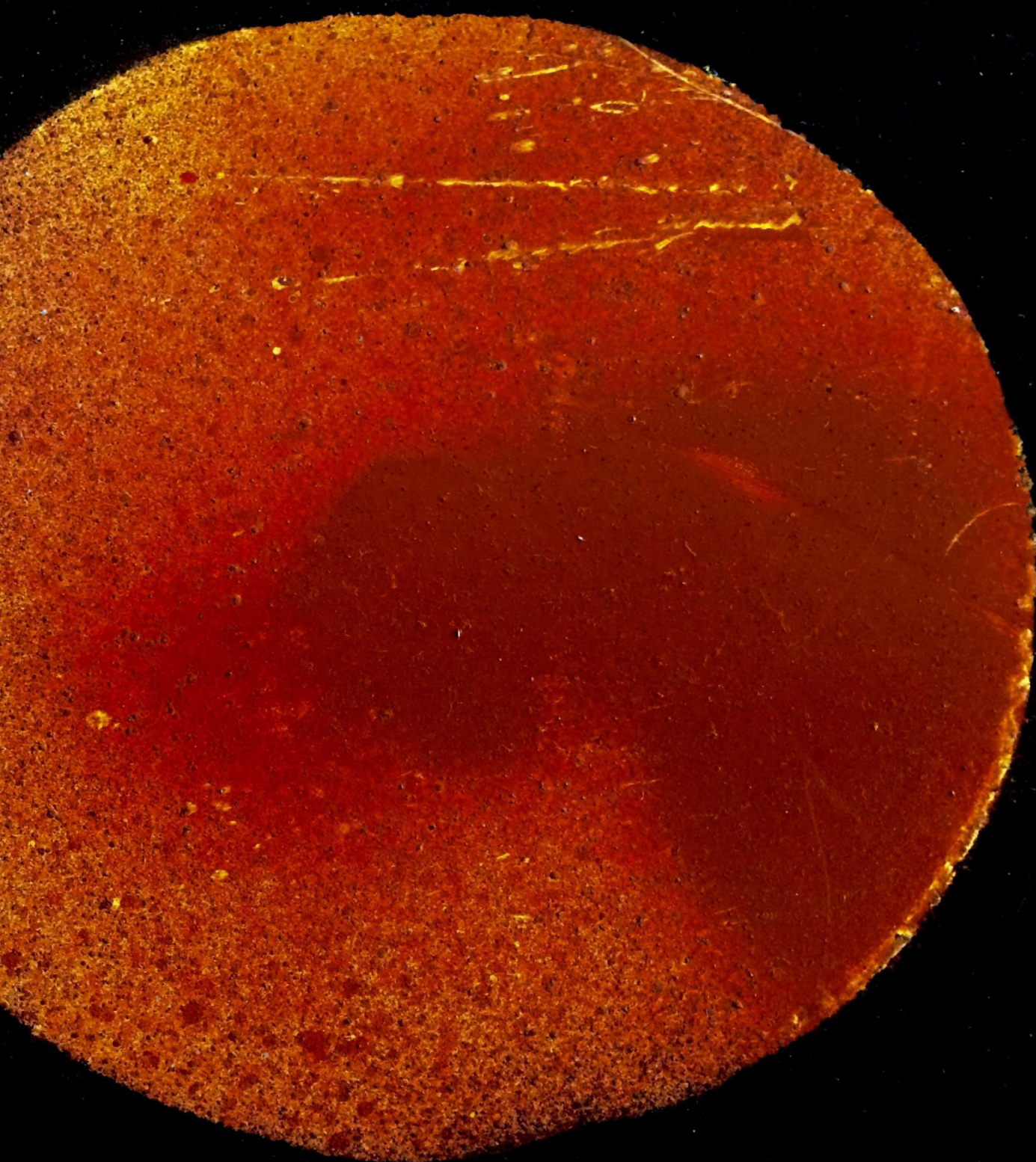
Diameter: 950 km

From the Sun:

Position: 1st Dwarf Planet
(in the Asteroid Belt)

Actual Distance:

413,700,000km



The difference between classical planets and dwarf planets is classical planets have a clear path of orbit. Dwarf planets don't. They are in the asteroid belts?

"Did you know" - Jack

Mercury

Status: Classical Terrestrial Planet

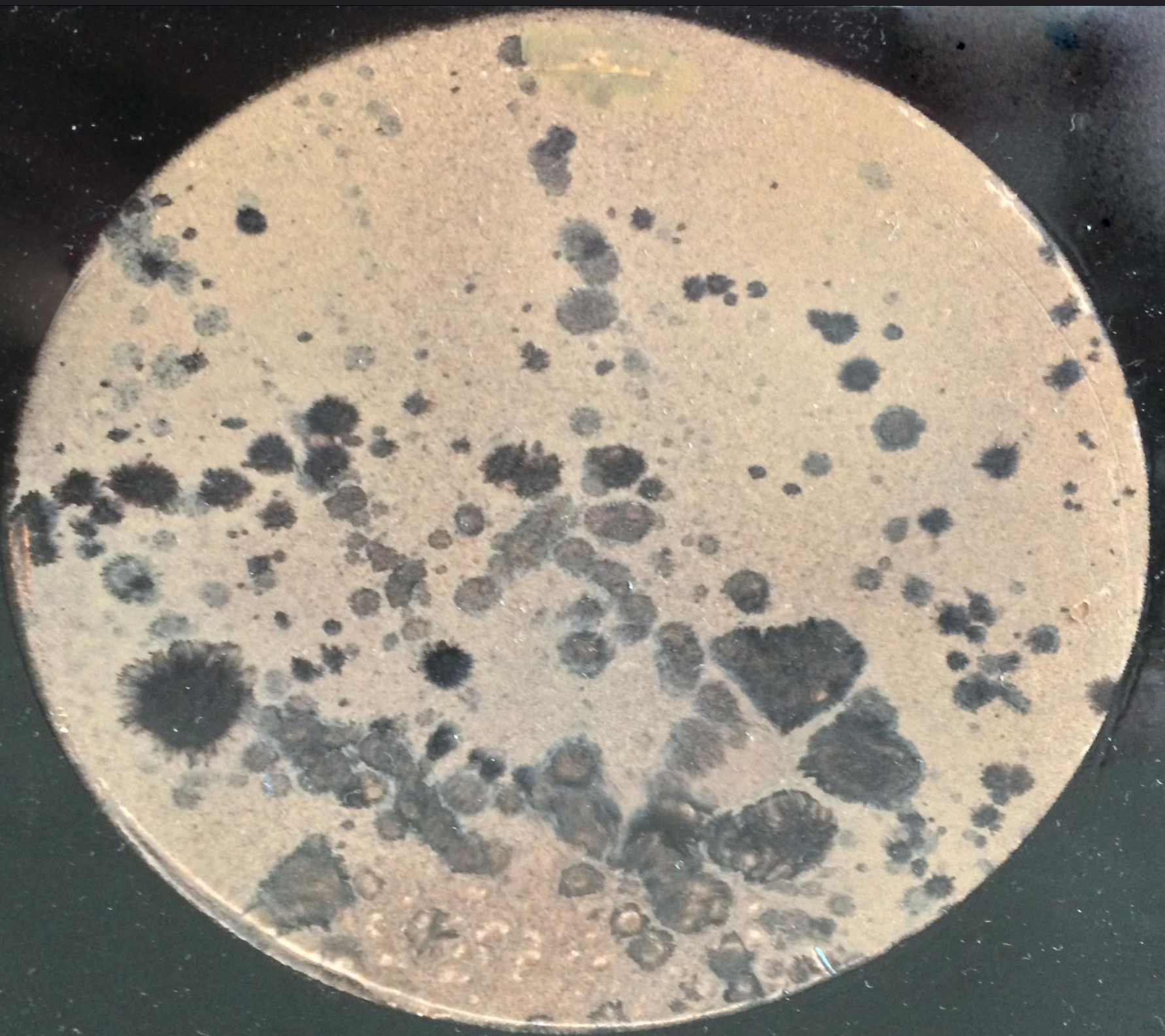
Diameter: 4,866 km

From the Sun:

Position: 1st planet

Actual Distance: 57,950,000km

Scale Distance: 10 m



"Did you know Mercury is not the hottest planet?" - Felicia

Palouse Prairie Charter School 3rd Grade Crew 2016

Neptune

Status: Classical Gas Giant Planet

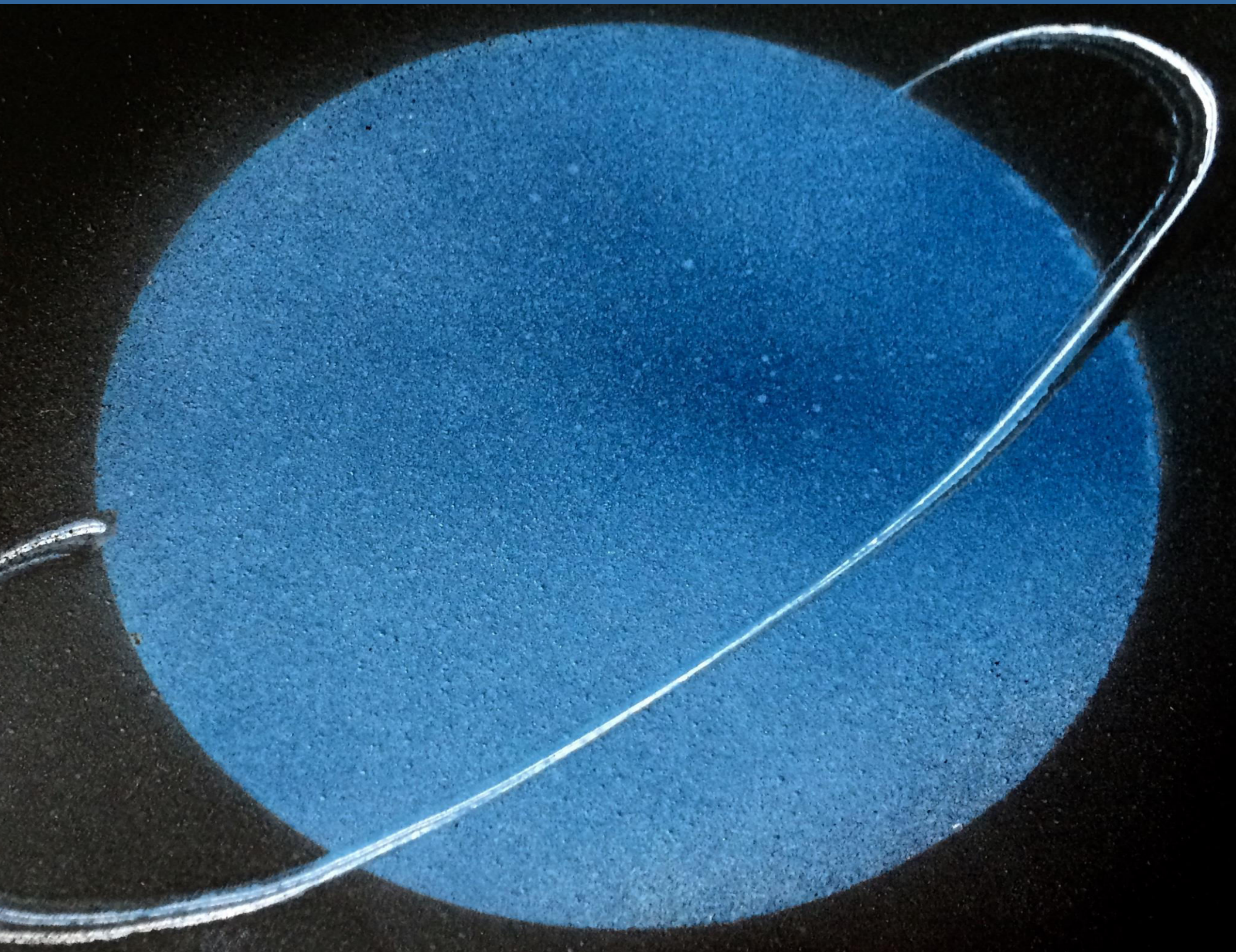
Diameter: 45,432 km

From the Sun:

Position: 8th planet

Actual Distance: 4,499,900,000 km

Scale Distance: 769 m



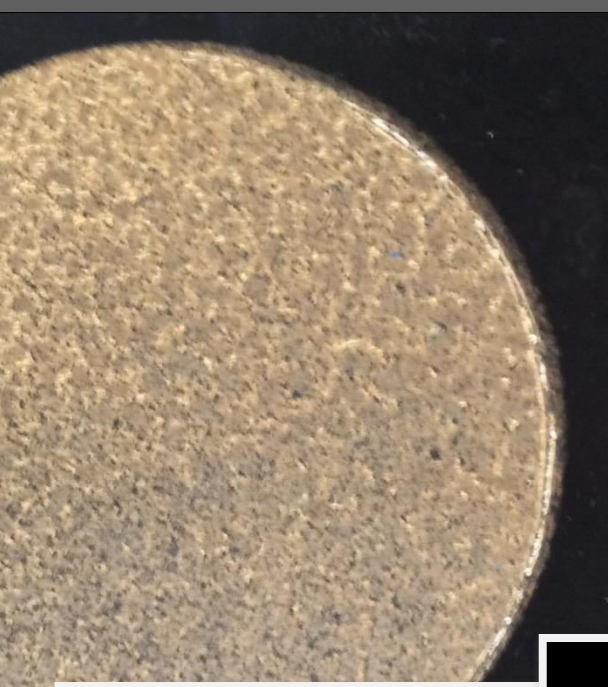
"Did you know it rains diamonds on Neptune" - Jamison

The Dwarf Planets in the Kuiper Belt

Status: Dwarf Planets

Name	Diameter	Position From the Sun	Distance From the Sun
Pluto	2,372 km	2nd dwarf planet	5,913,000,000 km
Haumea	1,518 km - 1,960 km	3rd dwarf planet	6,452,000,000 km
Makemake	1,478 km	4th dwarf planet	6,452,000,000 km
Eris	2,326 km	5th dwarf planet	10,120,000,000 km

*Scale Distance: 1000 m (This represents Pluto's position)



Pluto
 "The former planet and largest dwarf planet"
 - Ruby

Haumea
 "Has the fastest rotation because of its football shape"
 - Layla

Makemake
 "Pronounced 'Mah-kee-mah-kee'"
 - Claudia

Eris
 "So far from the sun it orbits in the Oort Cloud"
 - Eric

"Did you know that in 2006 the International Astronomical Union redefined what makes a planet a planet? That's when Pluto became a dwarf planet instead of our 9th planet" - Ruby

Saturn

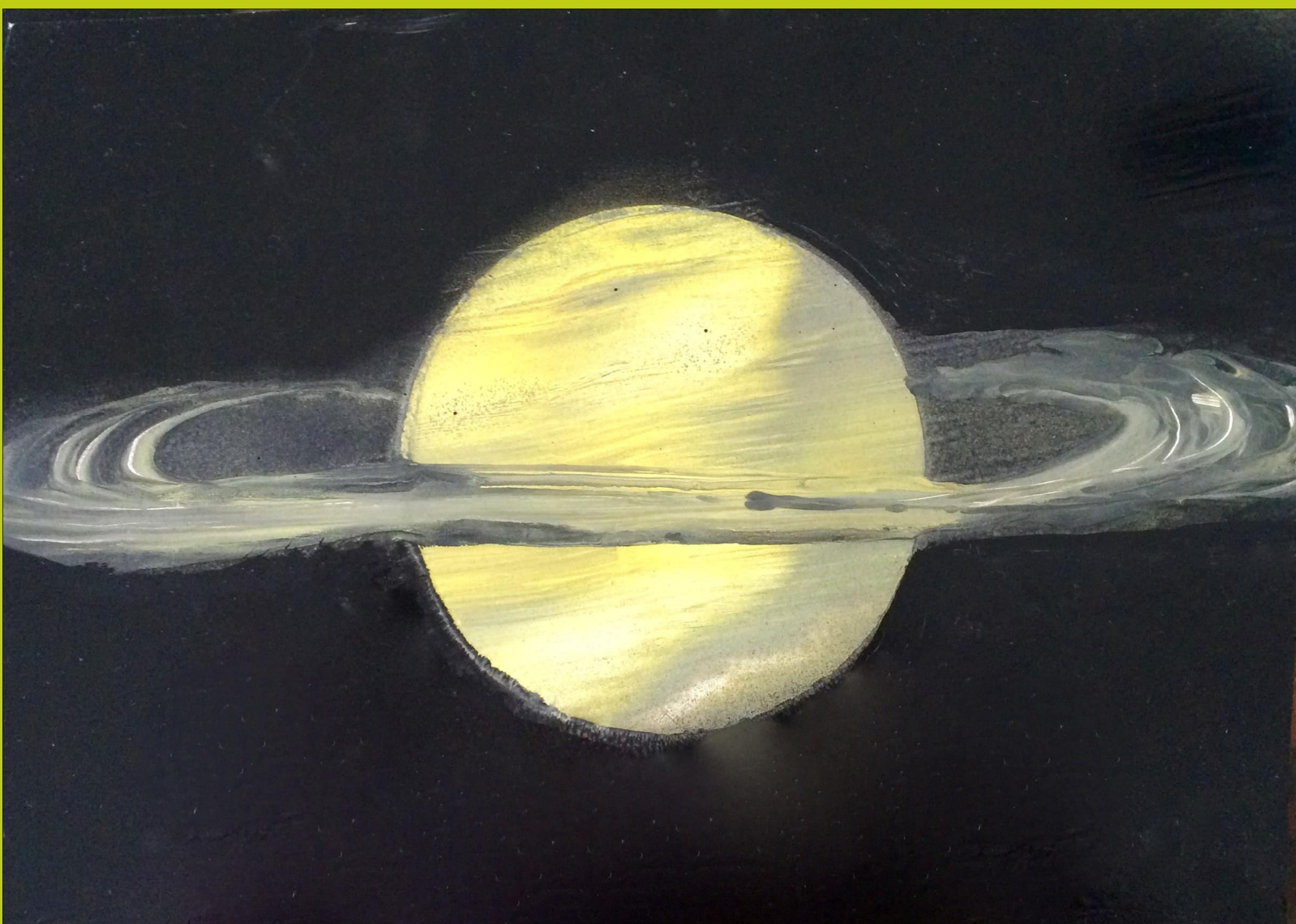
Status: Classical Gas Giant Planet

From the Sun:

Position: 7th Planet

Distance: 1,427,000,000

Scale Distance: 244 m



"Did you know if you could put Saturn in a bath tub it would float?" - Carly

The Sun

Status: Star, Center of our Solar System

Diameter: 1, 391,900 km

All of our solar system's planets revolve around the sun. It is the sun's massive amount of gravity that keeps the planets in orbit.

This is a 1 km distance scale model of our solar system. Walk west to see how far each planet is from the sun.

Uranus

Status: Classical Gas Giant Planet

Diameter: 46,940 km

From the Sun:

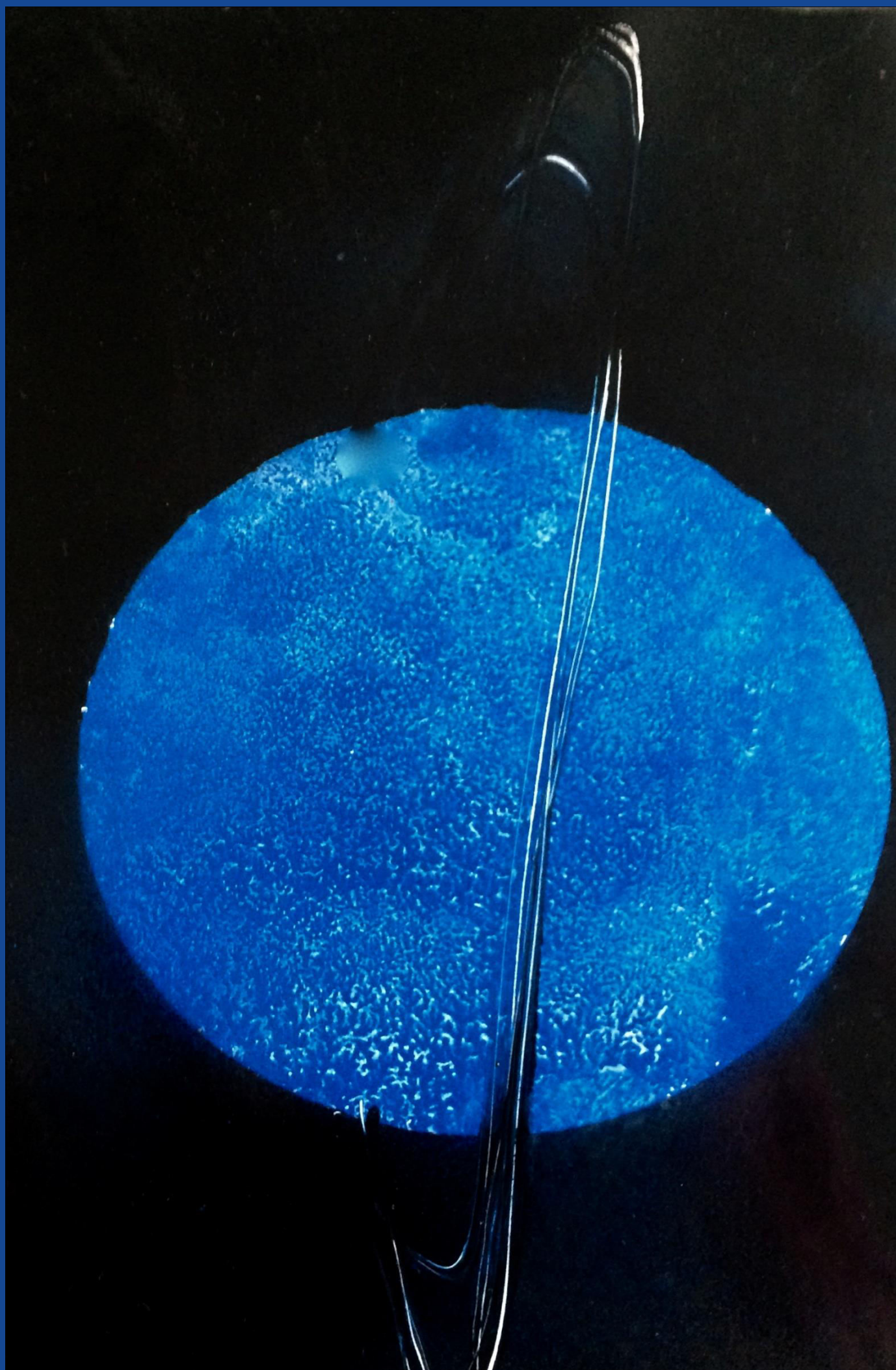
Position: 7th Planet

Actual Distance: 2,870,300,000 km

Scale Distance: 503 m

"Did you know Uranus rotates on its side and has huge storms like Jupiter's great red spot?"

- Emilee



Venus

Status: Classical Terrestrial Planet

Diameter: 12,106 km

From the Sun:

Position: 2nd Planet

Actual Distance: 108,110,000 km

Scale Distance: 18 m



"Did you know that Venus is known as Earth's evil twin?" - Camas