

Do you have problems?

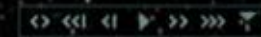
Thinking outside the box and putting things in perspective might help

Here's a little astronomy to help you put this into perspective



Hubble

8 Apr 2008
06:23:08 GMT+2
Rate: 1x

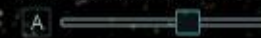


Set Time

Ambient Light Level: 0,00



Magnitude limit: 9,90



Galaxy Light Gain: 10%



Set Render Options

Solar System Browser

FOV: 34° 30' 31" (0,75x)

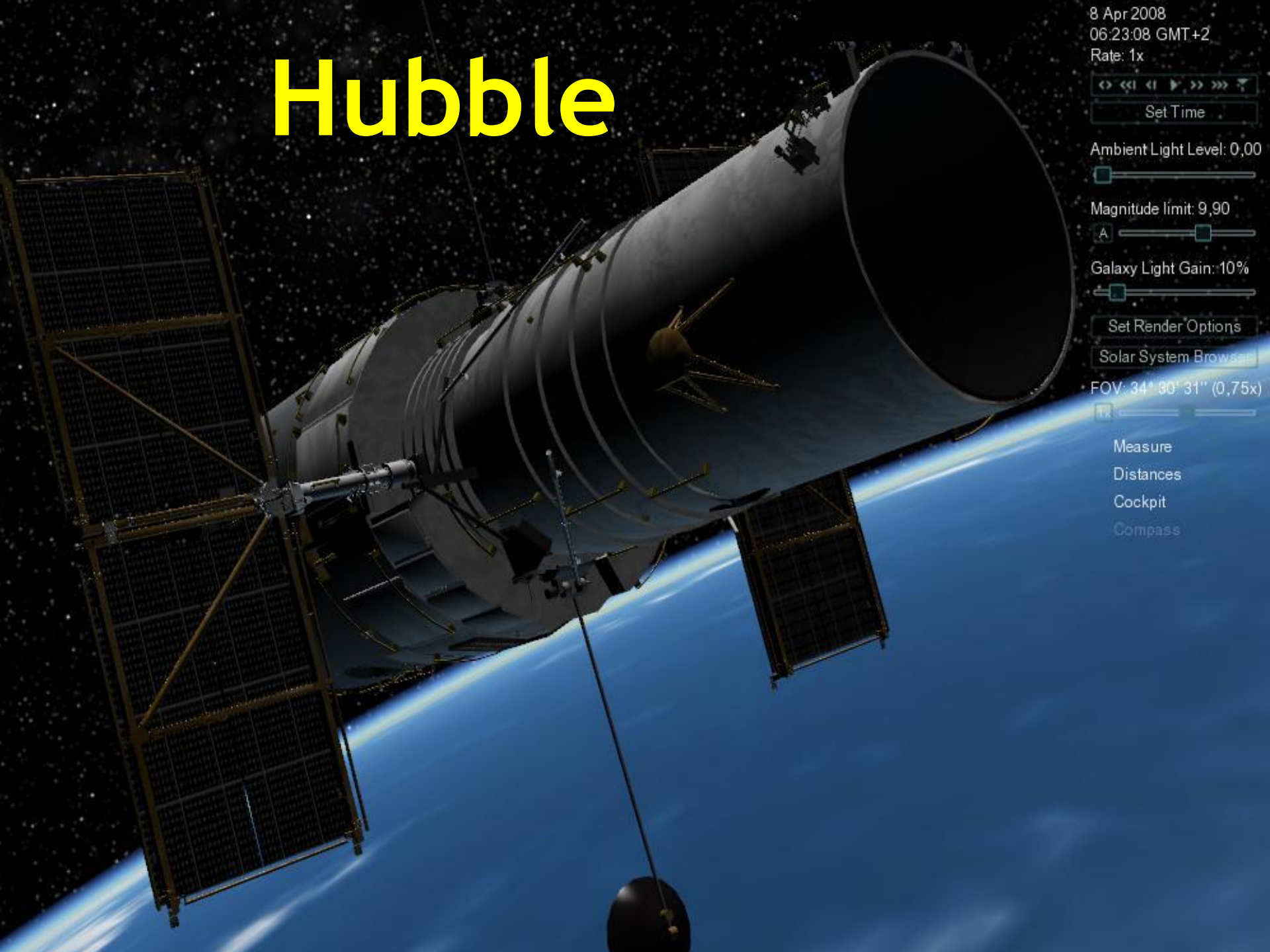


Measure

Distances

Cockpit

Compass





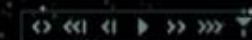
The Hubble telescope is located outside our atmosphere and is orbiting around the Earth at 593 km above sea level with an orbital period of about 96 to 97 minutes at a speed of 28,000 km/h.

Its name is in honor of astronomer Edwin Hubble, it was placed in orbit on April 24, 1990. It weighs about 11000 kg in a cylindrical form with a 13,2 m length and a diameter of 4,2 m. This telescope can obtain images of the cosmos at an 0,1 arc second of resolution.

ISS-C

Distancia: 66,963 m
Radio: 30,000 m
Diámetro aparente: 36° 02' 44,8"
Phase angle: 6,7°
Duración del día: 1,529 horas
Temperatura: 274 K

13 Sep 2008
13:14:31 GMT+2
Rate: 1x

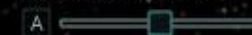


Set Time

Ambient Light Level: 0,05



AutoMag at 45°: 9,00



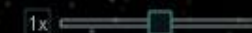
Galaxy Light Gain: 10%



Set Render Options

Solar System Browser

FOV: 31° 59' 60" (0,80x)



Measure

Distances

Cockpit

Compass

International Space Station

Seguir ISS-C

View from inside the Space Station



Hubble's best





This is the Sombrero Galaxie also called M104 in Messier's catalog at a distance of 28 millions light years. This is considered one of the best pictures Hubble took.



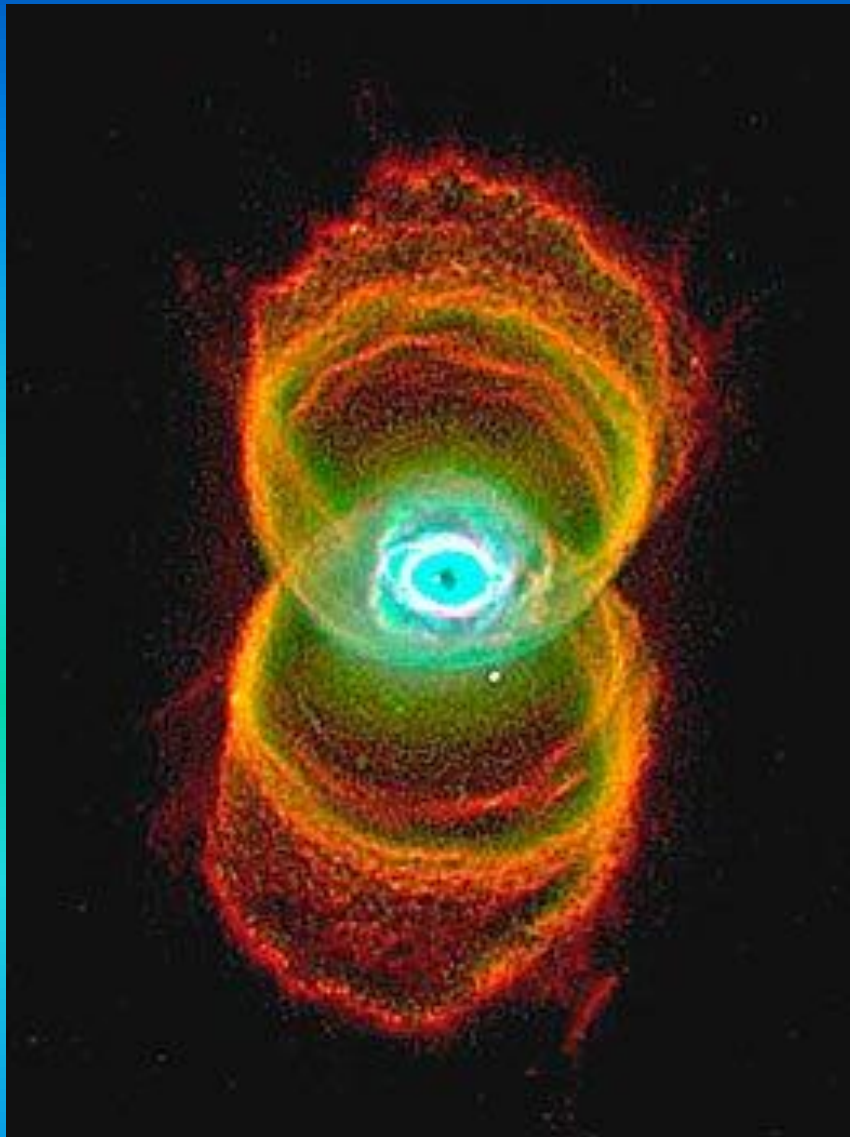
Then we have the Ant's Nebula so called because of its shape and located 3000 and 6000 light years.



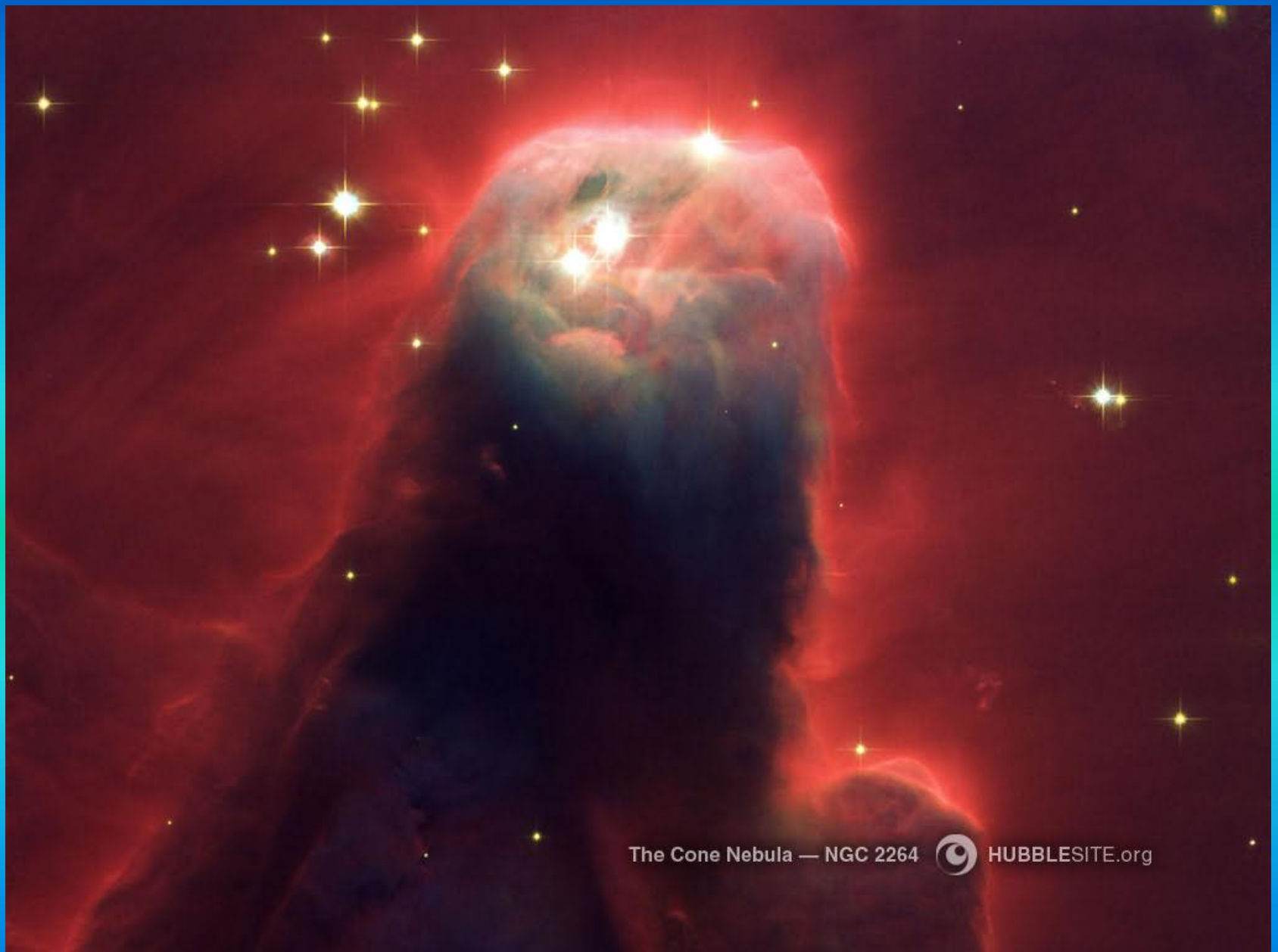
Then here is the Esquimo Nebula at 5000 light years.




In fourth place the Cat's Eye Nebula.



Fifth place the Hour Glass Nebula located 8000 light years
the result of an exploding star.



The Cone Nebula — NGC 2264  HUBBLESITE.org

In 6th place, we have a part of the Cone Nebula at 2,5 light years



In Seventh position, we find a portion of the Swan Nebula located 5,500 light years described as an ocean of hydrogen with small quantities of oxygen, sulfur and other elements.



In 8th place, this beautiful image called “Starry night”
And also know as Light Echo.



In 9th place, two galaxies merging NGC 2207 and IC 2163 located 114 millions light years.



Tenth place, a fragment of the Trifid Nebula with many stars at 9000 light years.

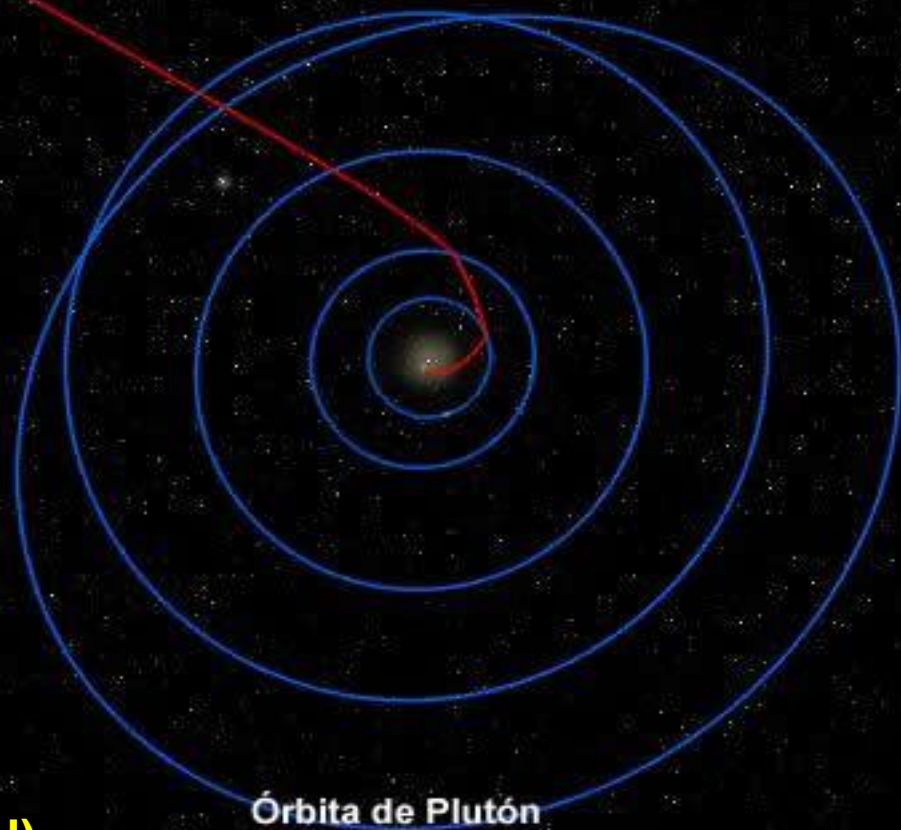
Other images from Hubble





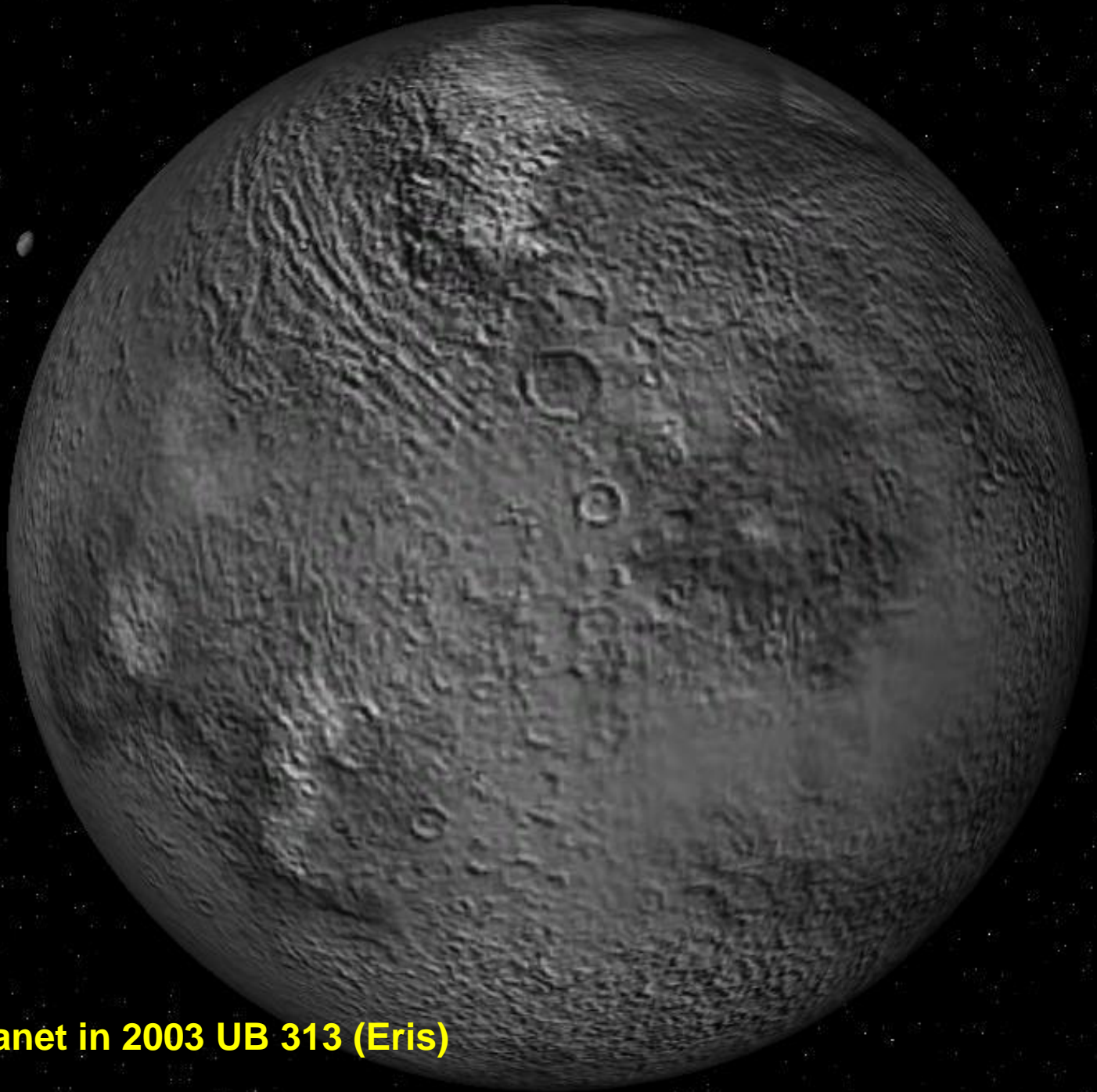
Voyager 1

← Voyager 1



Actual position of Voyager 1 (102 AU)

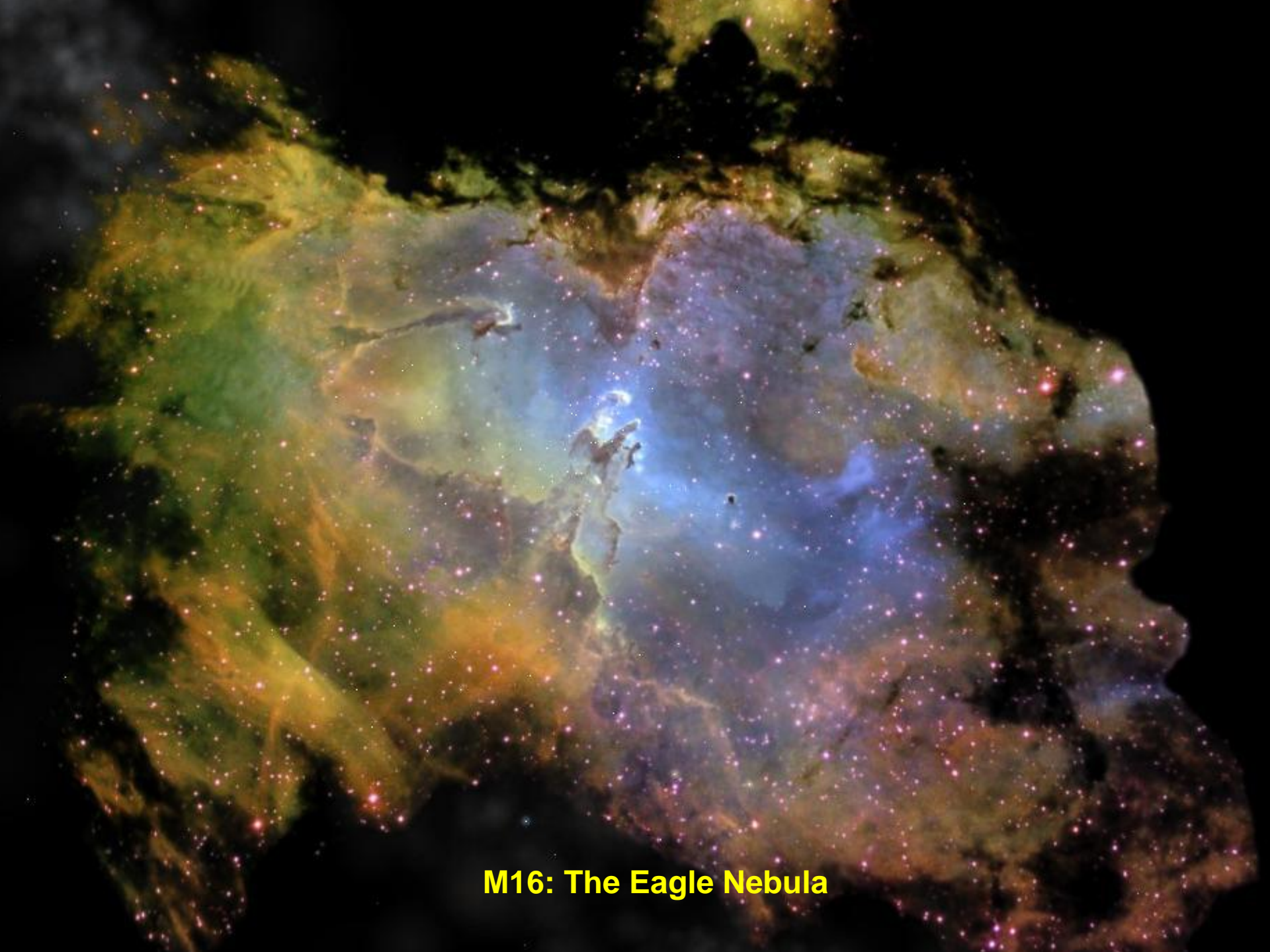
Órbita de Plutón



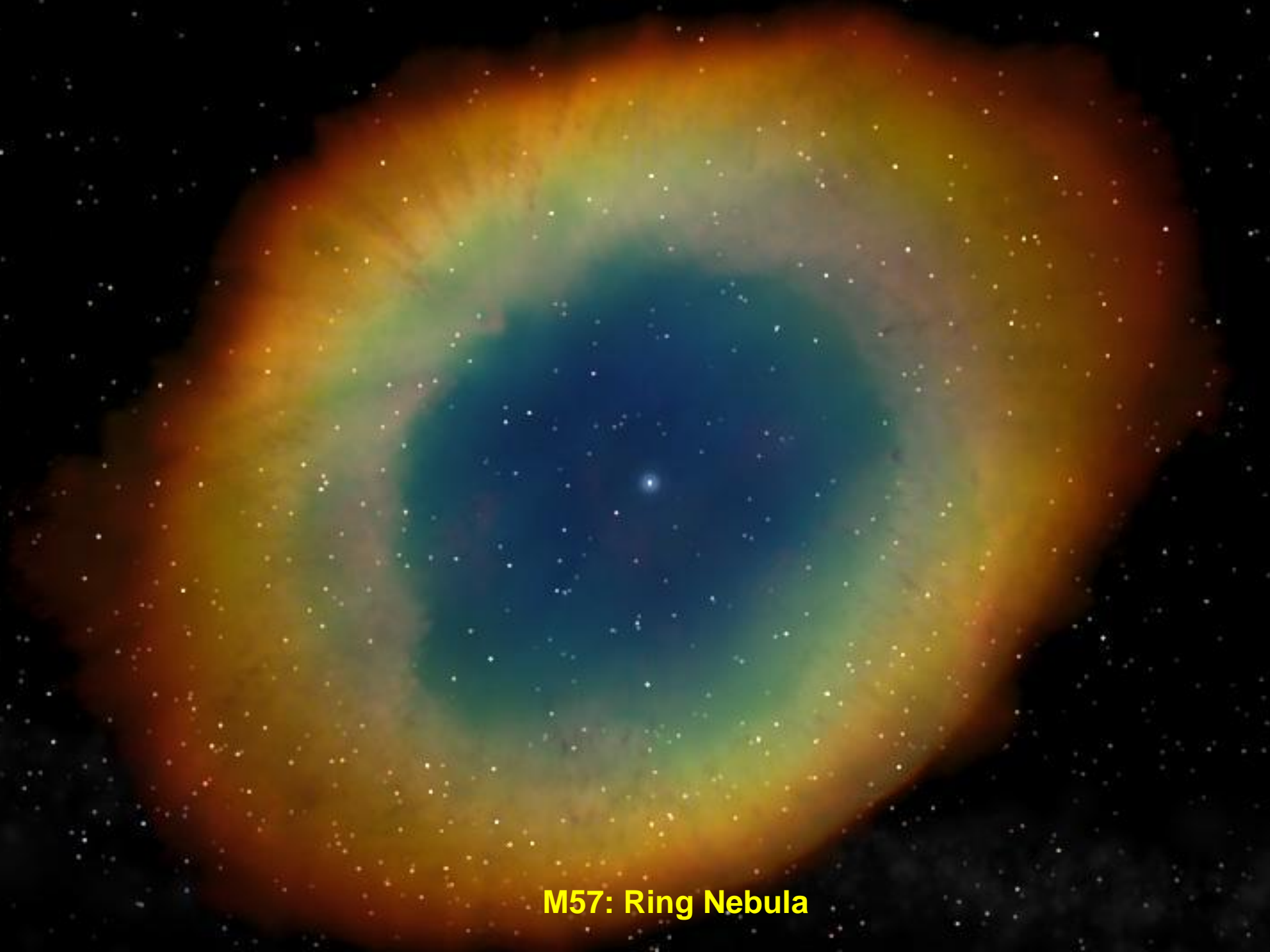
Dwarf planet in 2003 UB 313 (Eris)



Halley's comet



M16: The Eagle Nebula



M57: Ring Nebula



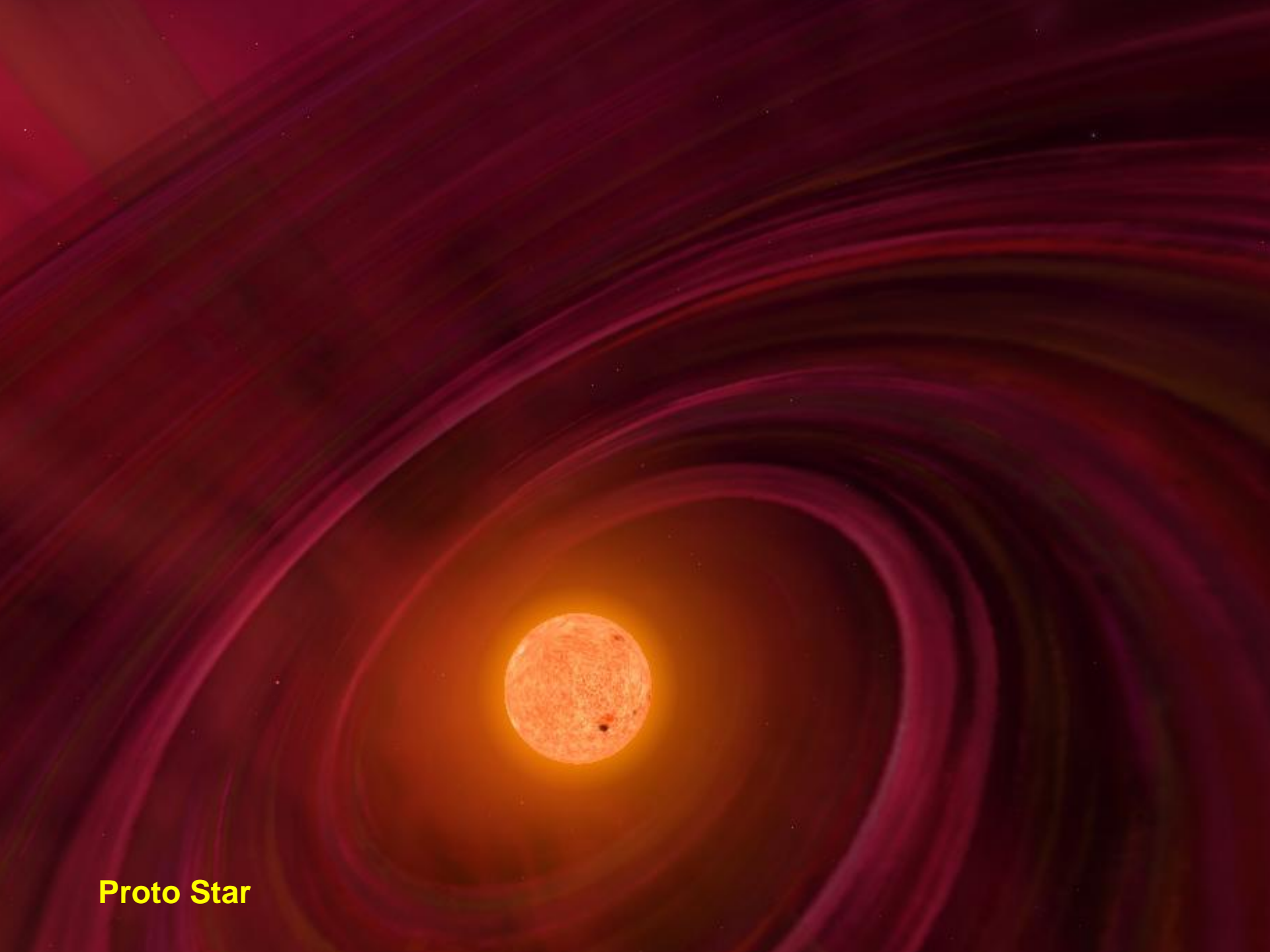
Nebula RCW 79



NGC 2237: Rosette Nebula



M42: Orion Nebula



Proto Star



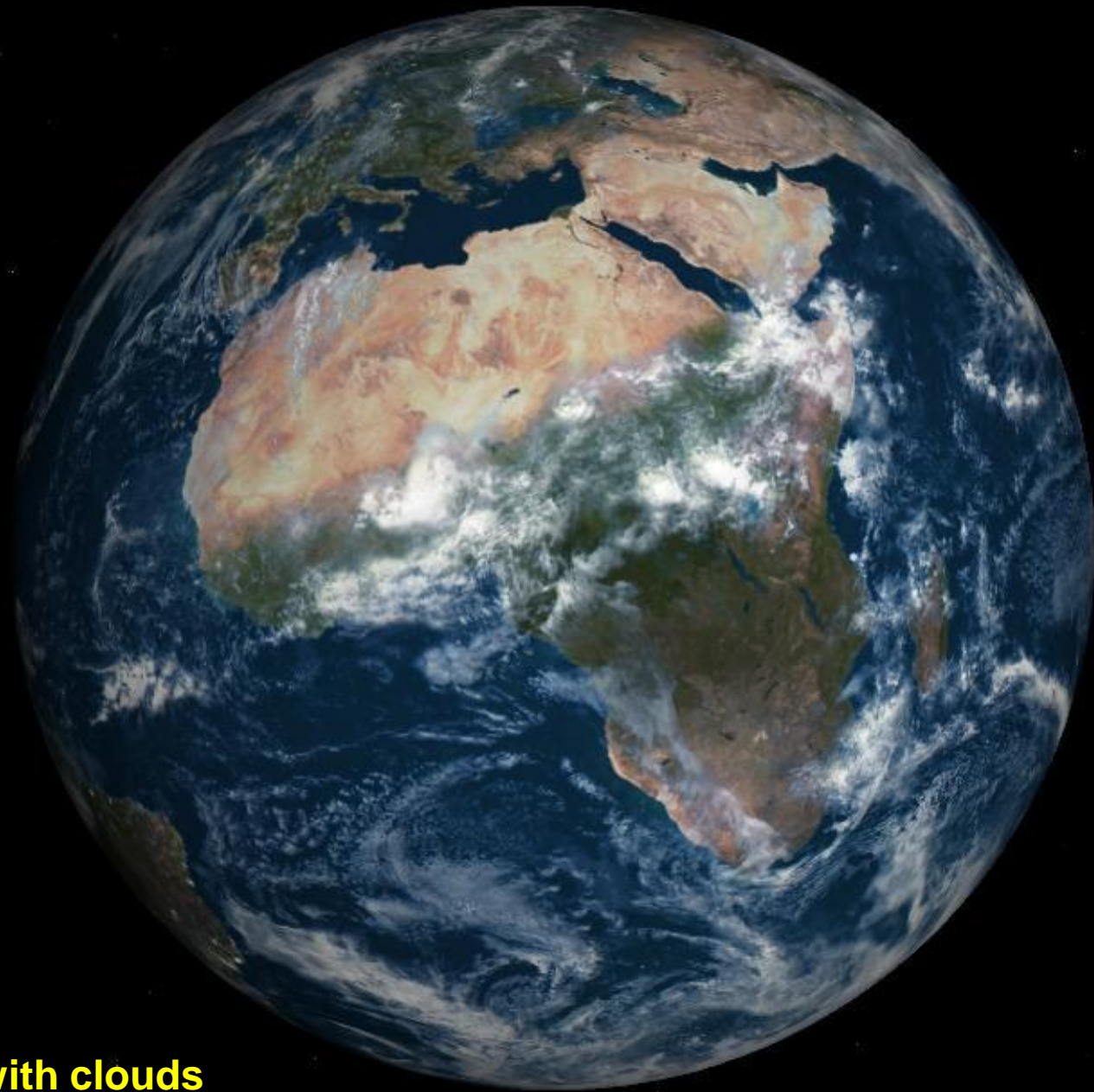
Milky Way (our sun is indicated)



A Black Hole



NGC 4414



The Earth with clouds



The Earth without clouds



The Earth with a rising moon



Earth and New Moon



Earth and full Moon



Our Sun with its atmosphere



Sun without its atmosphere



Venus without its clouds



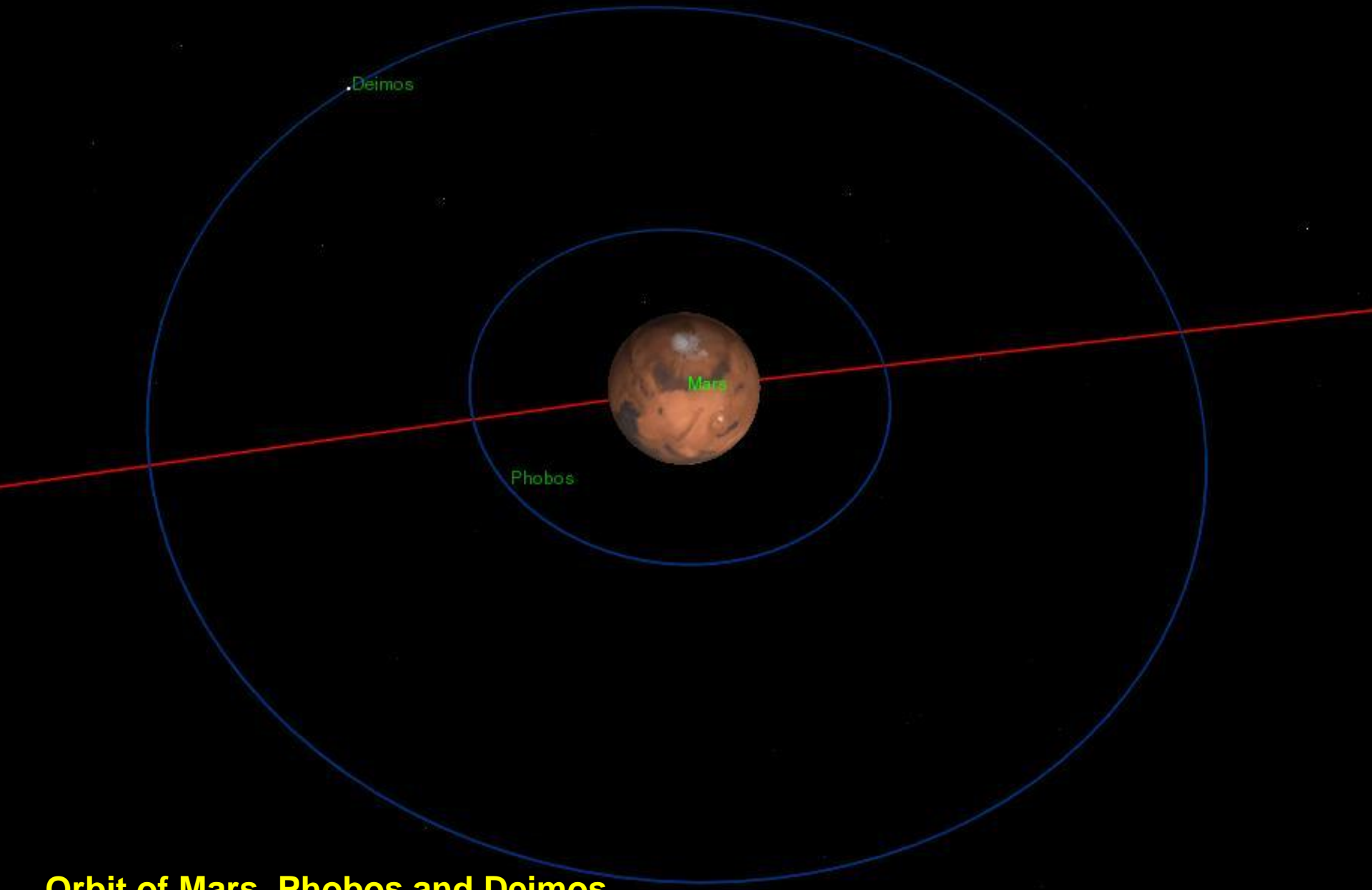
Venus with clouds



Mercury



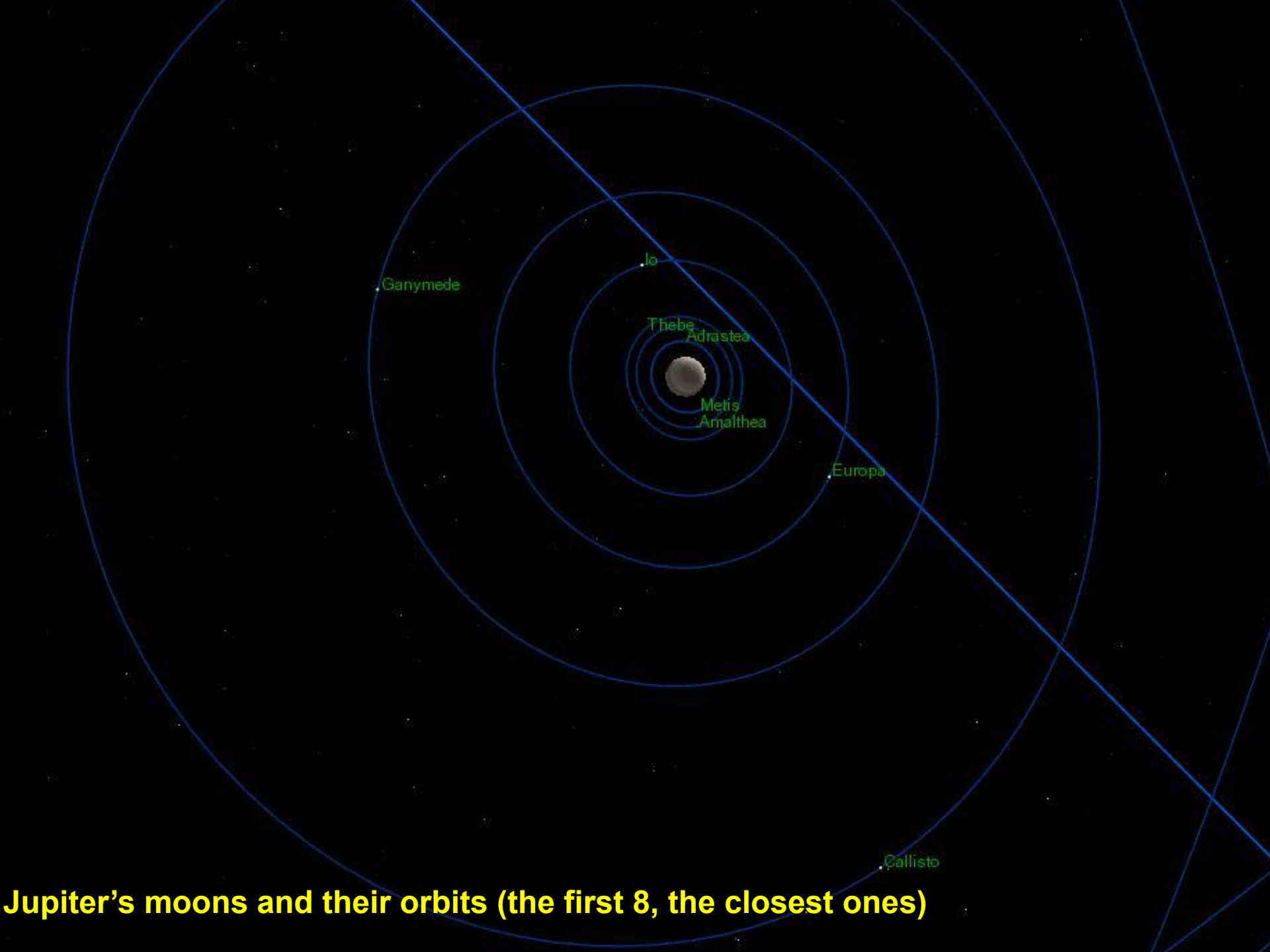
Mars



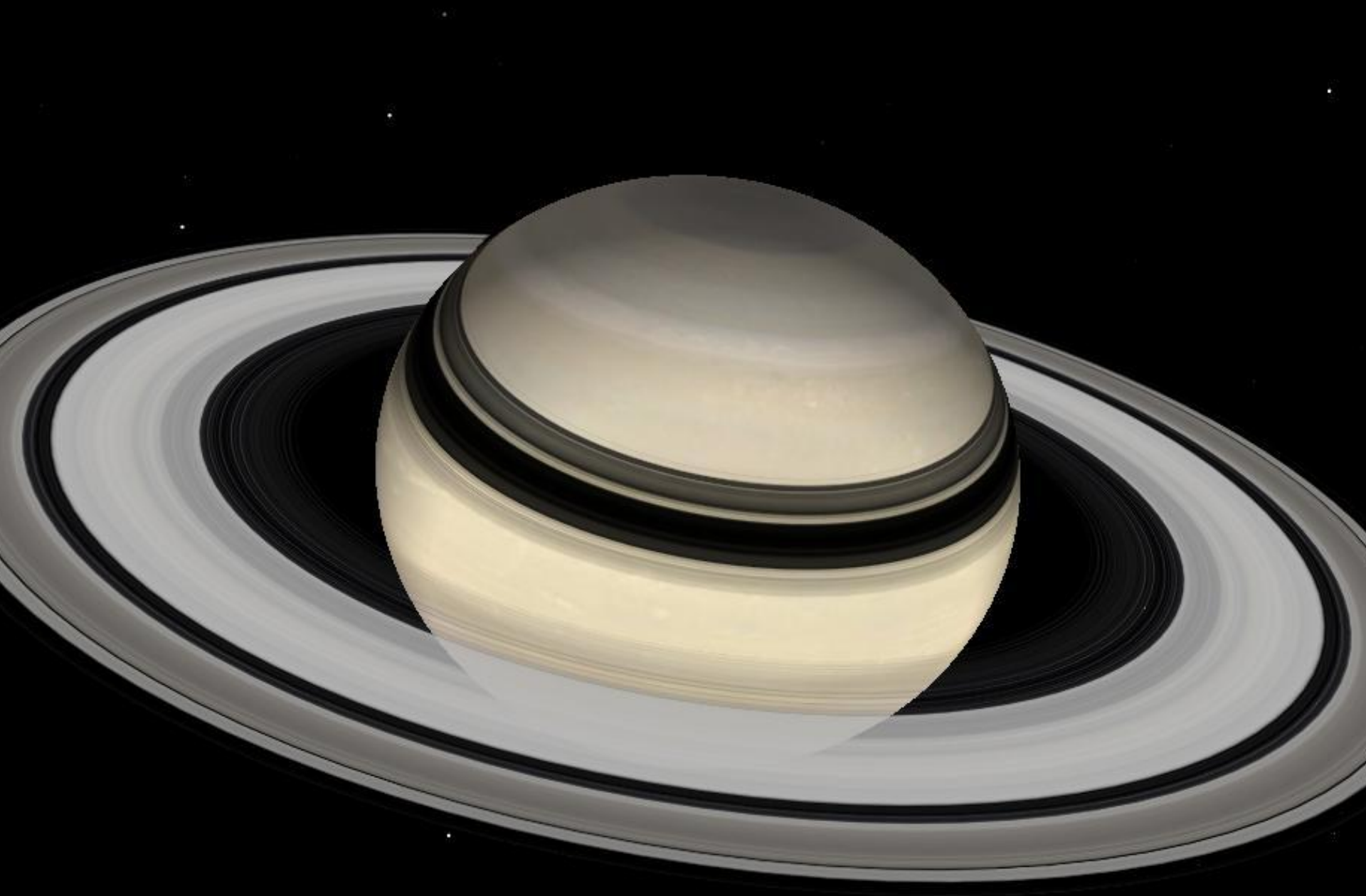
Orbit of Mars, Phobos and Deimos



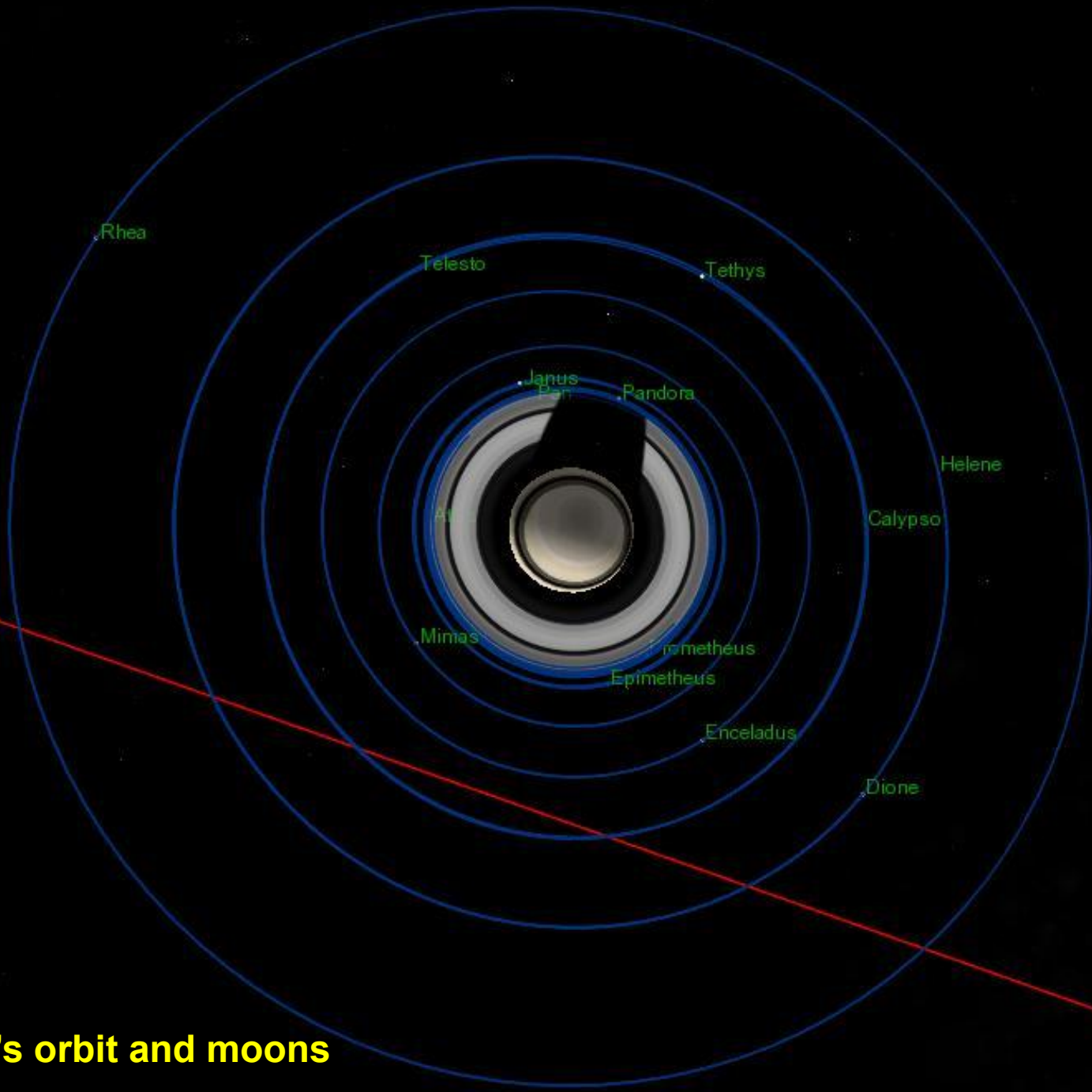
Jupiter



Jupiter's moons and their orbits (the first 8, the closest ones)



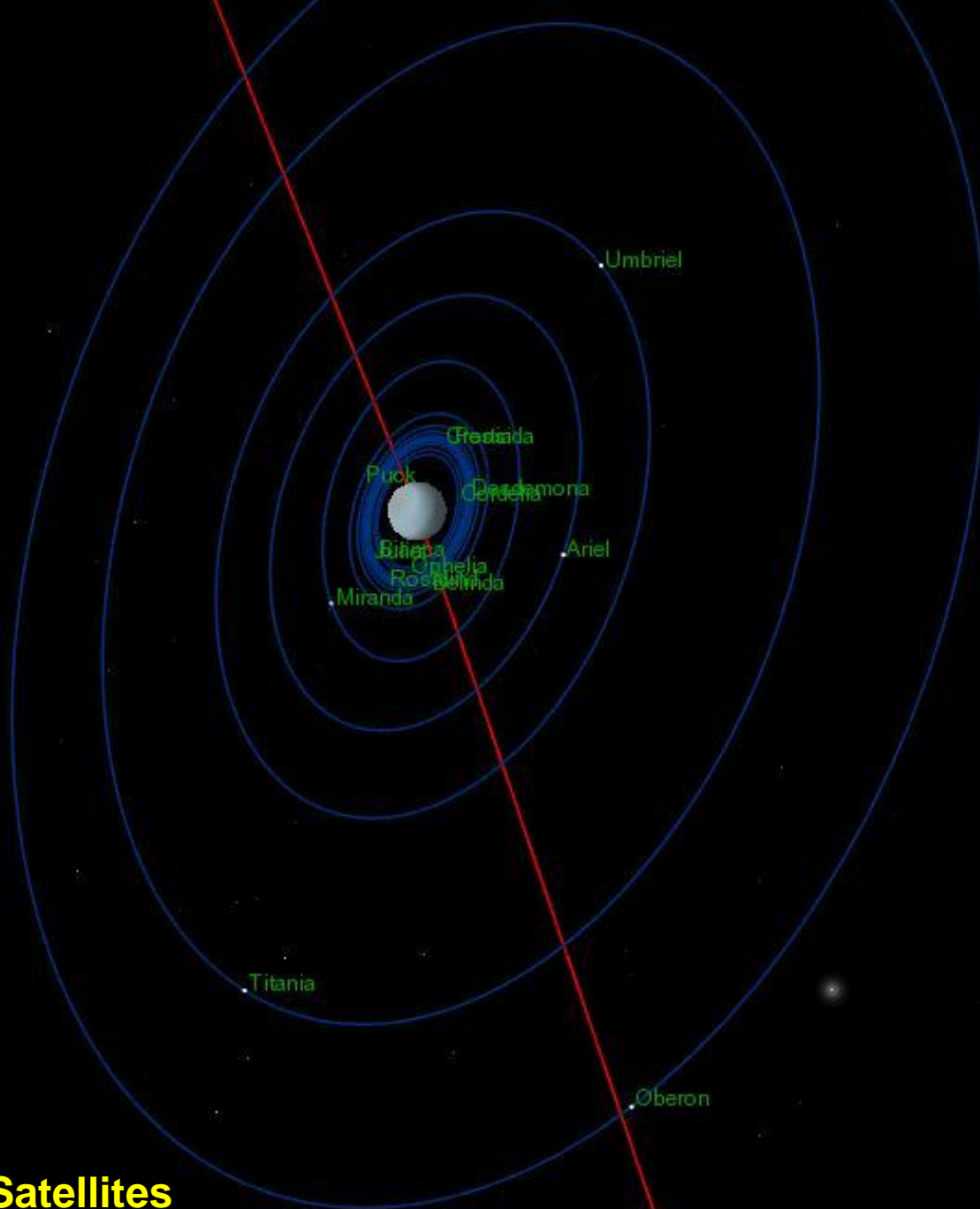
Saturn



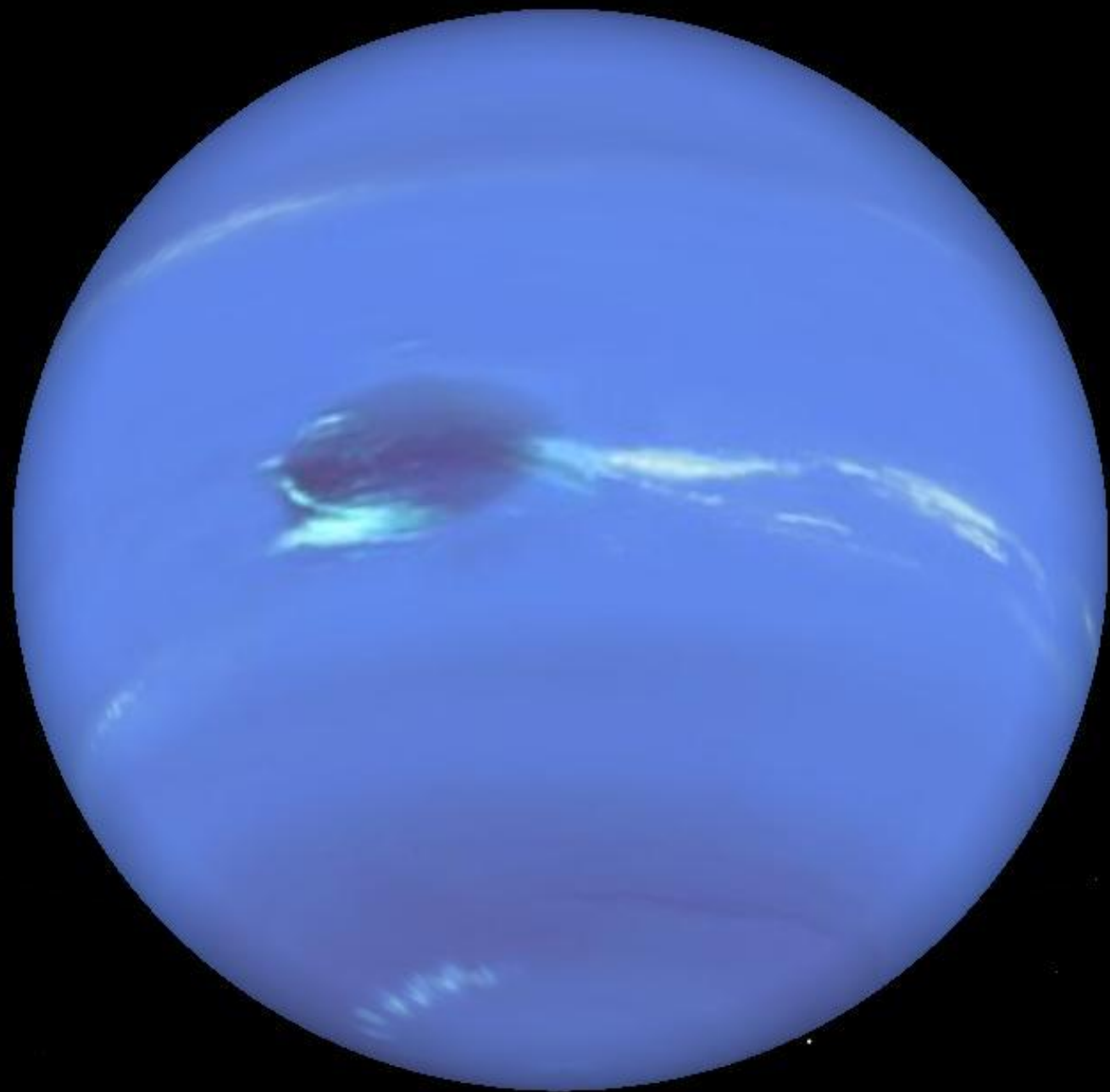
Saturn's orbit and moons



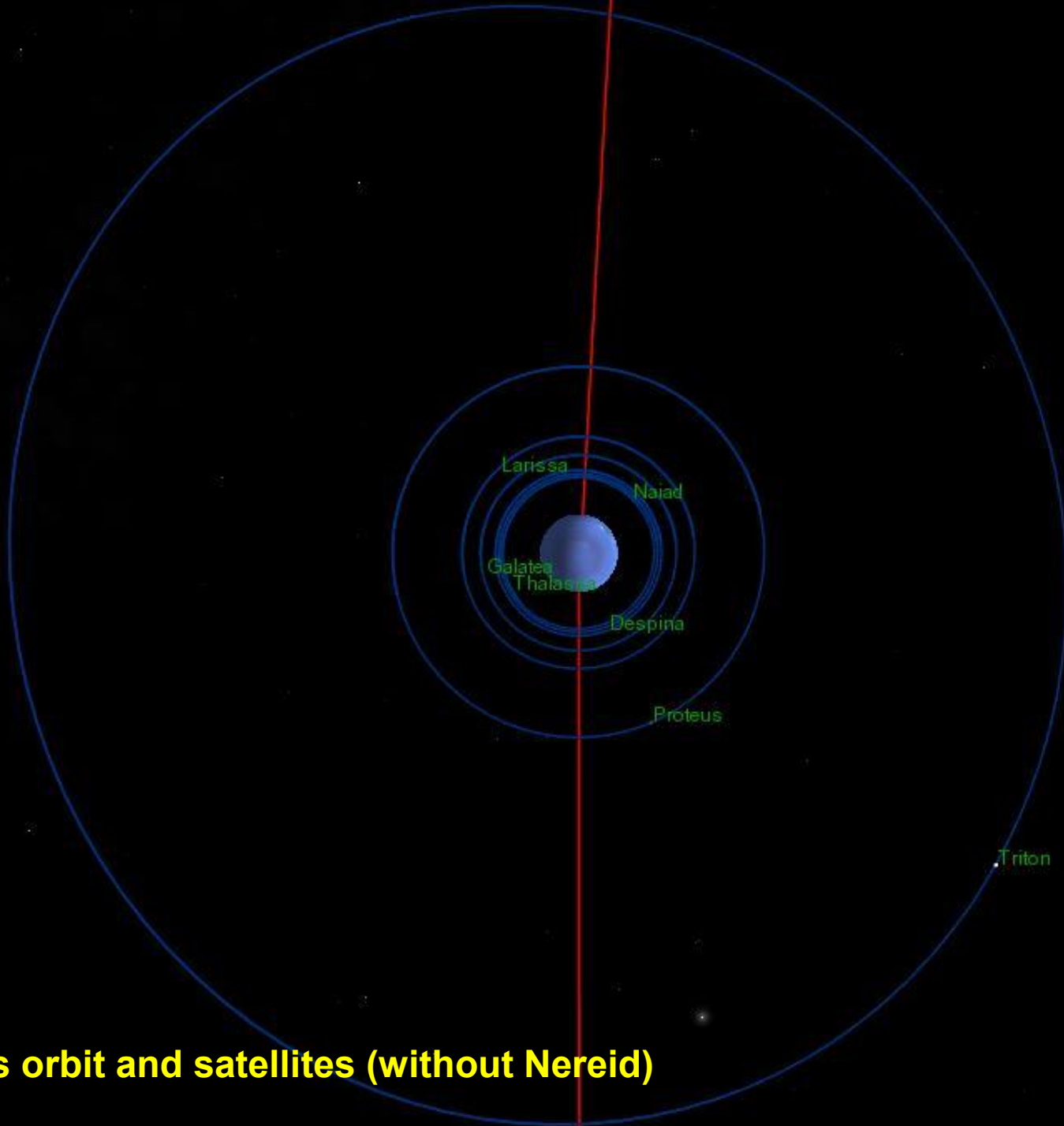
Uranus



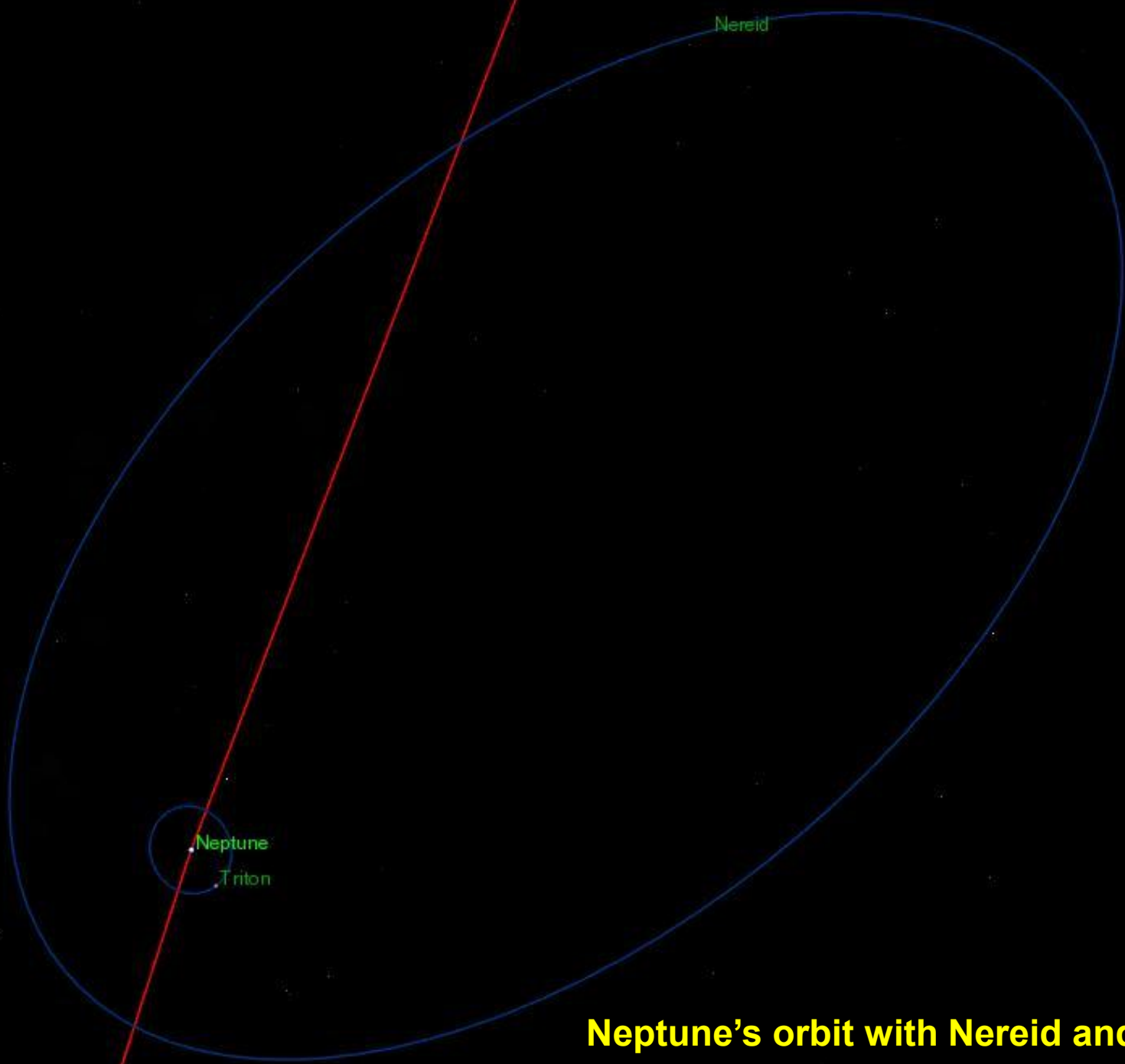
Uranus and Satellites



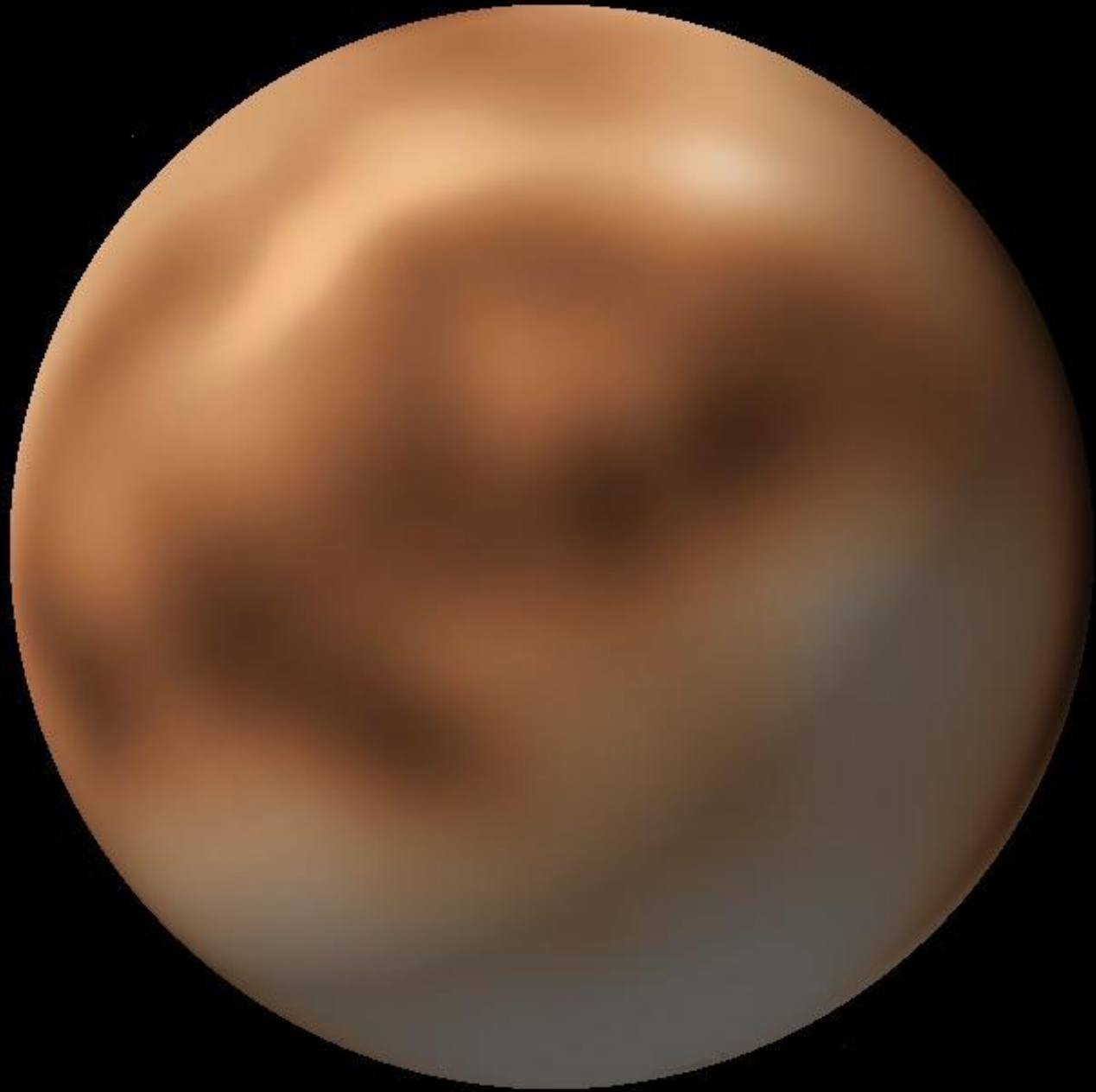
Neptune



Neptune's orbit and satellites (without Nereid)



Neptune's orbit with Nereid and Triton

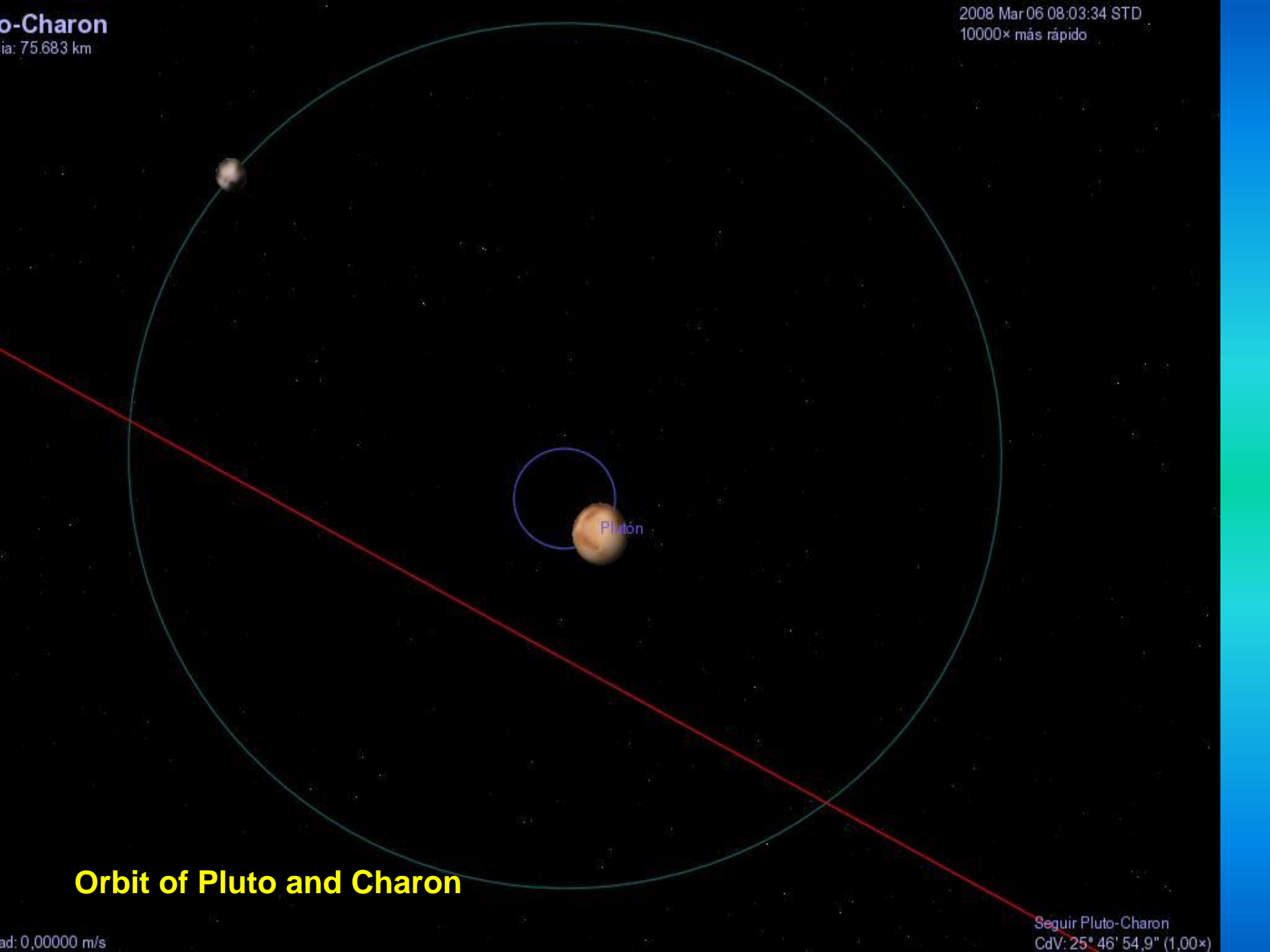


Pluto

Pluto-Charon

Radio: 75.683 km

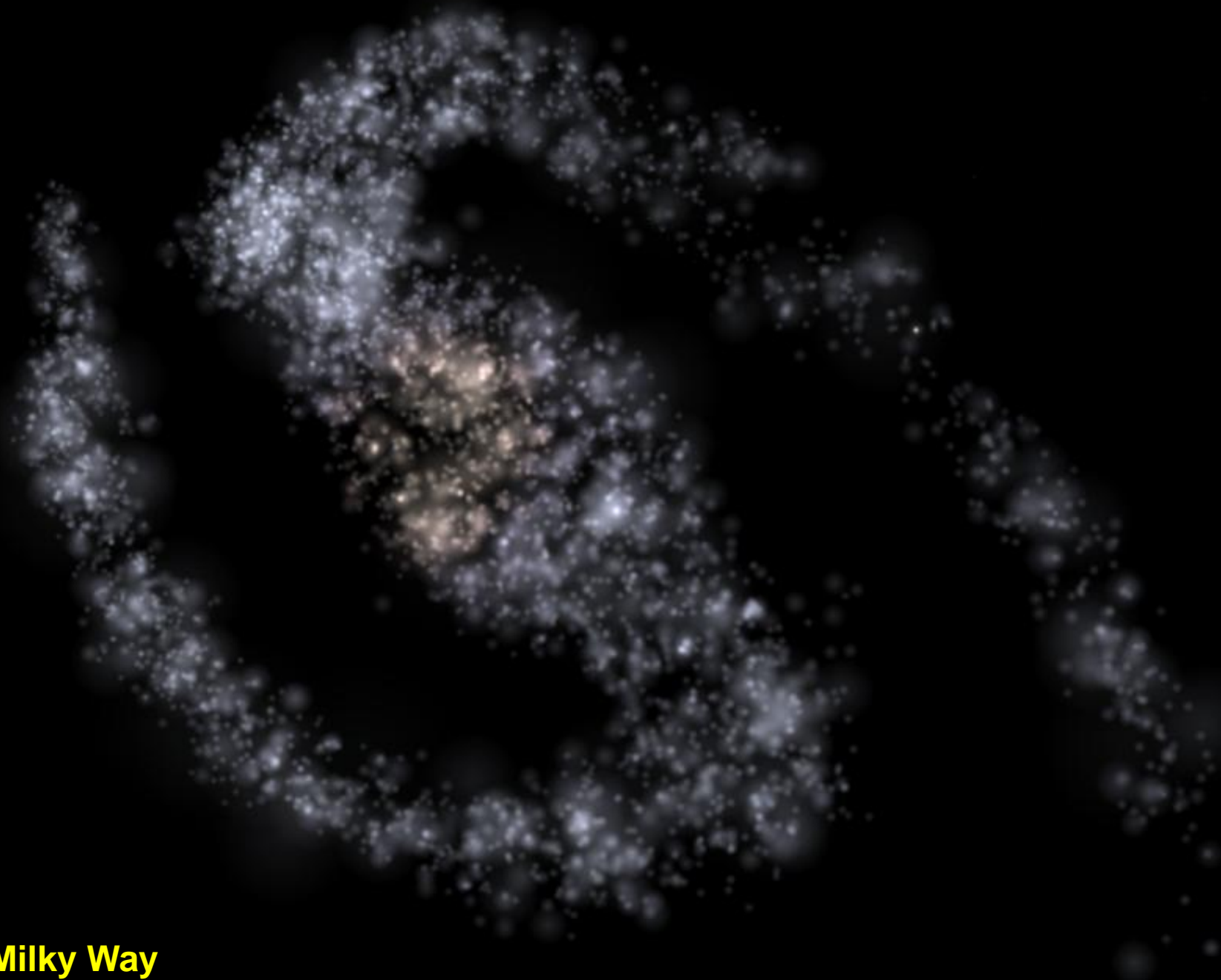
2008 Mar 06 08:03:34 STD
10000x más rápido



Orbit of Pluto and Charon

Speed: 0,00000 m/s

Seguir Pluto-Charon
CdV: 25° 46' 54,9" (1,00x)



The Milky Way



Words are escaping us when you discover these monumental pictures of colors and light.

The Eagle Nebula or M16 can be found in the Serpent constellation, and it's like an open window at the centre of a starry night. At the centre, many young stars forming creating a wonderful spectacle of gaseous emissions.

**SHOWING ALL OF
THIS IN THIS
FASHION IS REALLY
FACINATING,
DEEPLY MOVING
AND DAZZLING.**

Earth



Venus



Mars



Mercury



Pluto



Jupiter

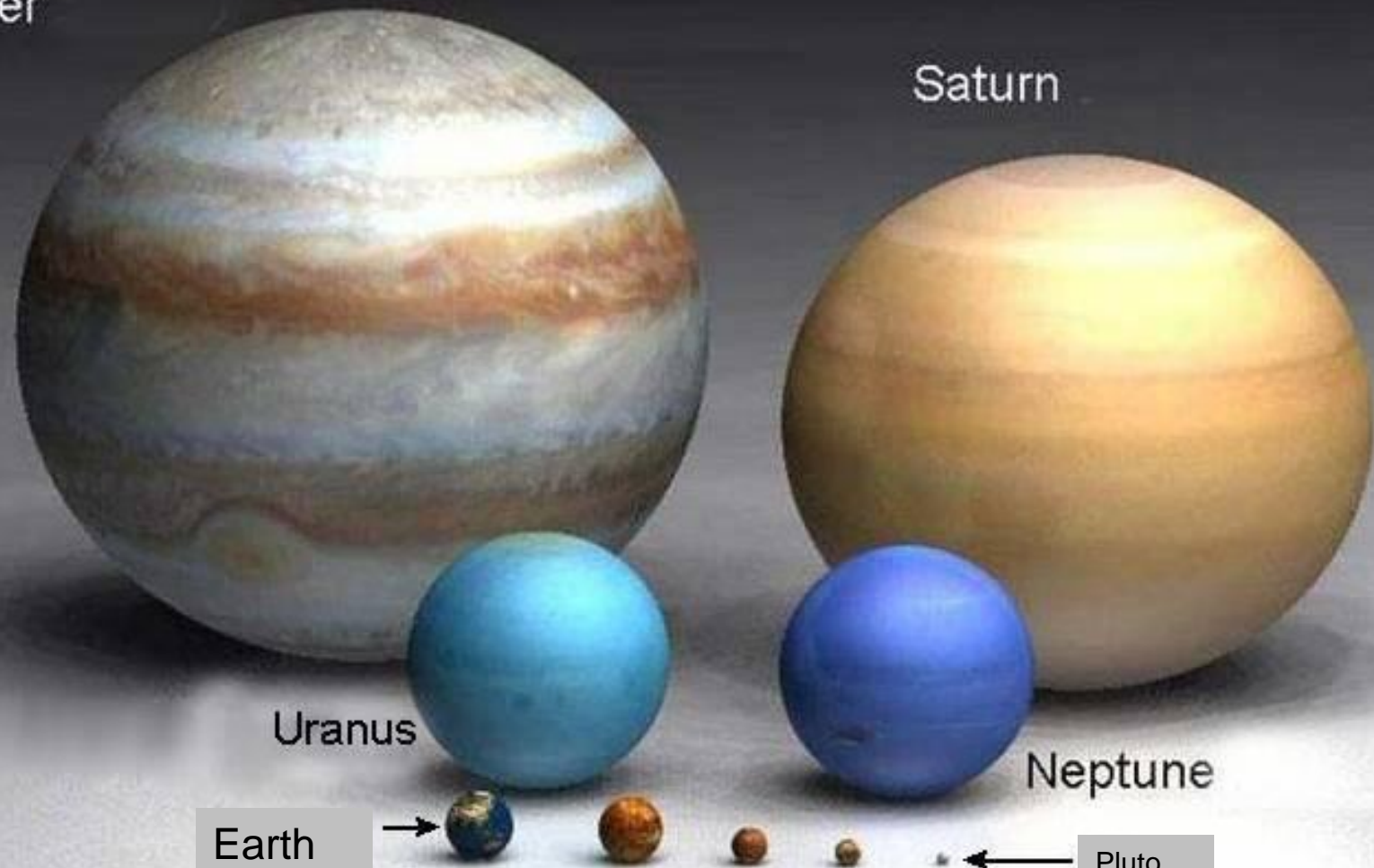
Saturn

Uranus

Neptune

Earth

Pluto



Sun



Earth

Jupiter



Pluto

I HOPE THIS HAS
ENLIGHTENED YOU .

BEYON OUR SUN,

THERE IS A VAST UNIVERSE

A size comparison of four stars against a grey background. From left to right: 'Our Sun' is a small orange sphere; 'Sirius' is a white sphere; 'Pollux' is a medium-sized orange sphere; and 'Arturus' is a very large orange sphere. An arrow points to a tiny dot on the left, representing Jupiter.

Our Sun

Sirius

Pollux

Arturus

Jupiter at 1 pixel at the point of the arrow.

The Earth is not visible at this scale.

Antares is the 15th most brilliant star in the night sky.
It is located at more than 1000 light years.



Beetlejuice



Antares

Sun - 1 pixel

Jupiter is invisible at this scale

Sirius

Pollux

Arcturus



Rigel



Aldebaran

AND NOW HOW BIG AND TALL ARE YOU ?

AND, ALL THOSE PROBLEMS THAT YOU
HAVE TODAY ?

WHAT ARE THE THINGS THAT ARE
IMPORTANT TO YOU SO THAT YOU
SQUABBLE ABOUT OR PICK FIGHTS?

KEEP YOUR LIFE IN
PERSPECTIVE!

View from Space



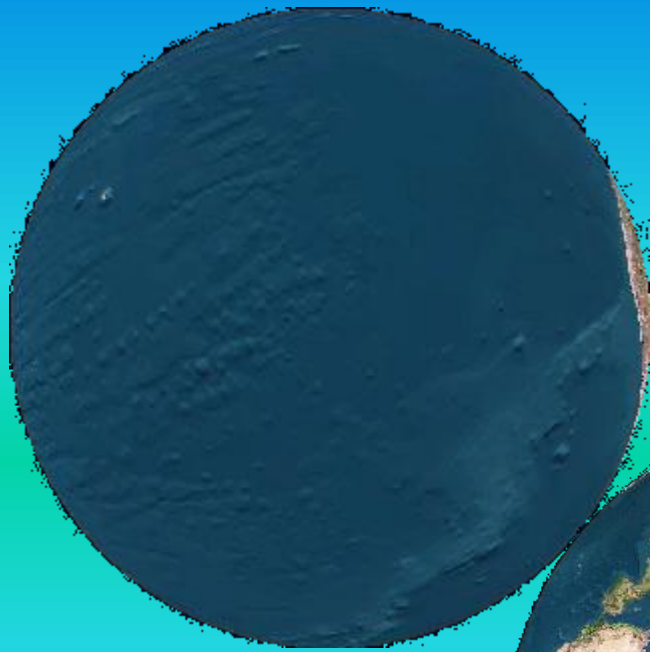
NIGHT LIGHTS



And then the Sunrise ..



Wonderful Blue Planet!



Appreciate your home for one moment!



Our children's heritage!

A.Z.

Now you will see a picture for those moments when you feel life is overwhelming.

When you think your problems are enormous...

...and when you think there is a immense difference between the things you do and those you don't,

**It's also a picture when you have moments
as a human being you think you are powerful
and magnificent...**

**You are Homo Sapiens, Master of the
creation,
At the zenith of your technological power !
And you feel that with the other six billions
persons we are ...
... So far we are unique in this universe.**

And finally...

**...a picture for those moments when you think
the world is so big where you live that it is
indestructible.**

**With its great cities, all the oceans, mountain
ranges and continents...**

Invulnerable Planet...

**...insensitive, with its size and greatness,
With our actions as men accomplishing... or
not.**

Insensitive

**Because, Earth has five hundred millions
square kilometres of surface!**


**Six thousands quadrillions tons of rocks!...
And more then one thousand trillions tons of
water!...**

Contemplate this
picture for a few
moments.



It was taken by the Cassini-Juygens
probe, in 2004, when it arrived at the
rings of Saturn.

This is your planet.



We are all in this little blue point.

All our wars...

All our problems...

All our greatness
and misery...

All our technology,
our art, our advances...

All our civilizations,
all our wildlife and flora...

All races, religions...

All governments, countries and states...

All our love... and hate...

Six billions souls in constant agitation...

It does make you think, no?

If we want, we can take this picture like a lesson in humility...

And like a double message:

On one hand ,

how little we are in this universe,
with our problems and our differences,
when we see them on this scale...

But on the other side,

how fragile is our planet,

And the importance of taking care of
this little blue point,

...because its the only home we have.

Think about it...

Our

World

Is beautiful!

The End?

Who knows...may be not.

**SEND THIS MESSAGE
TO THOSE YOU KNOW**

**IT MAY HELP THEM TO FEEL BETTER
IN CONSIDERING WHAT IS IMPORTANT
IN LIFE.**

