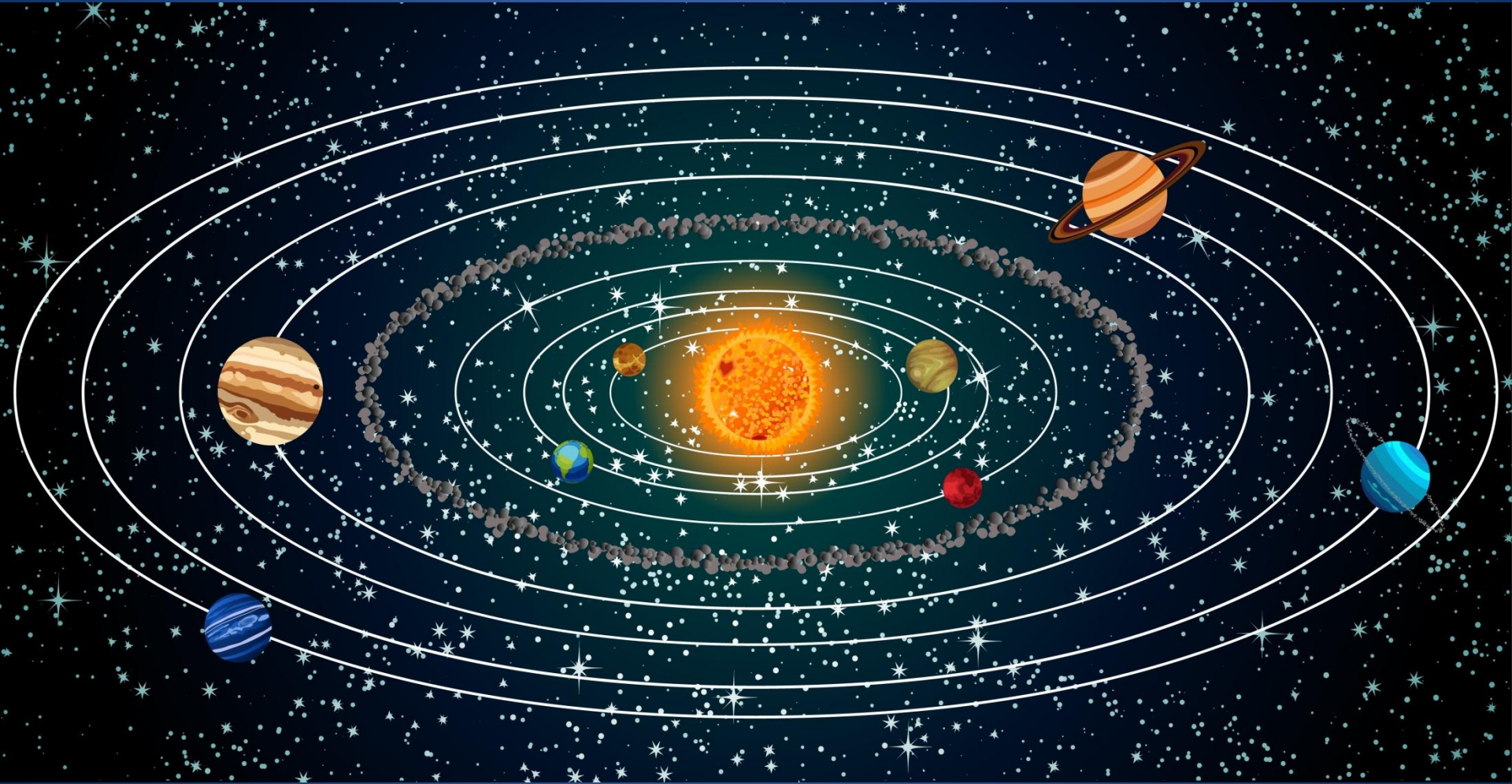
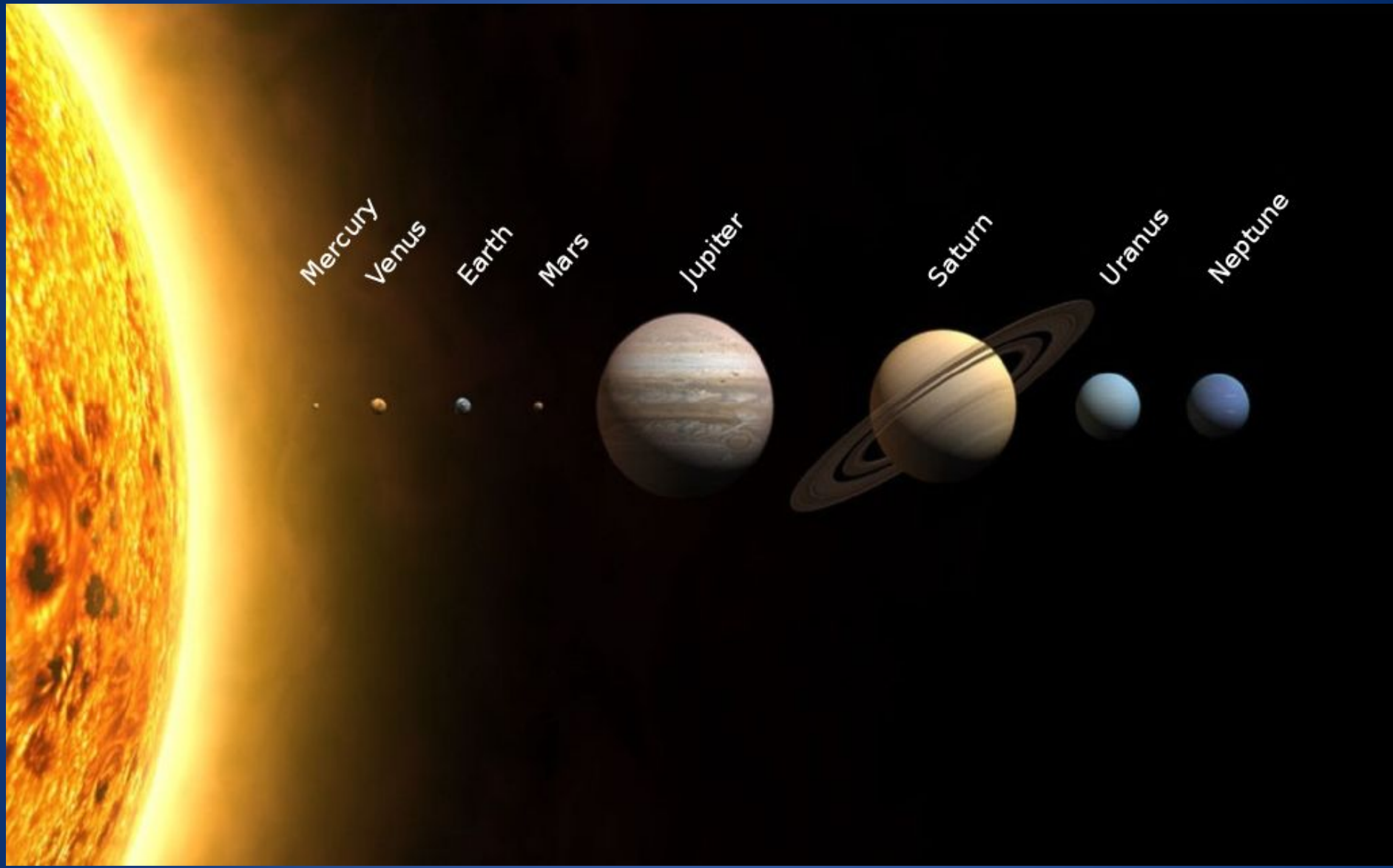
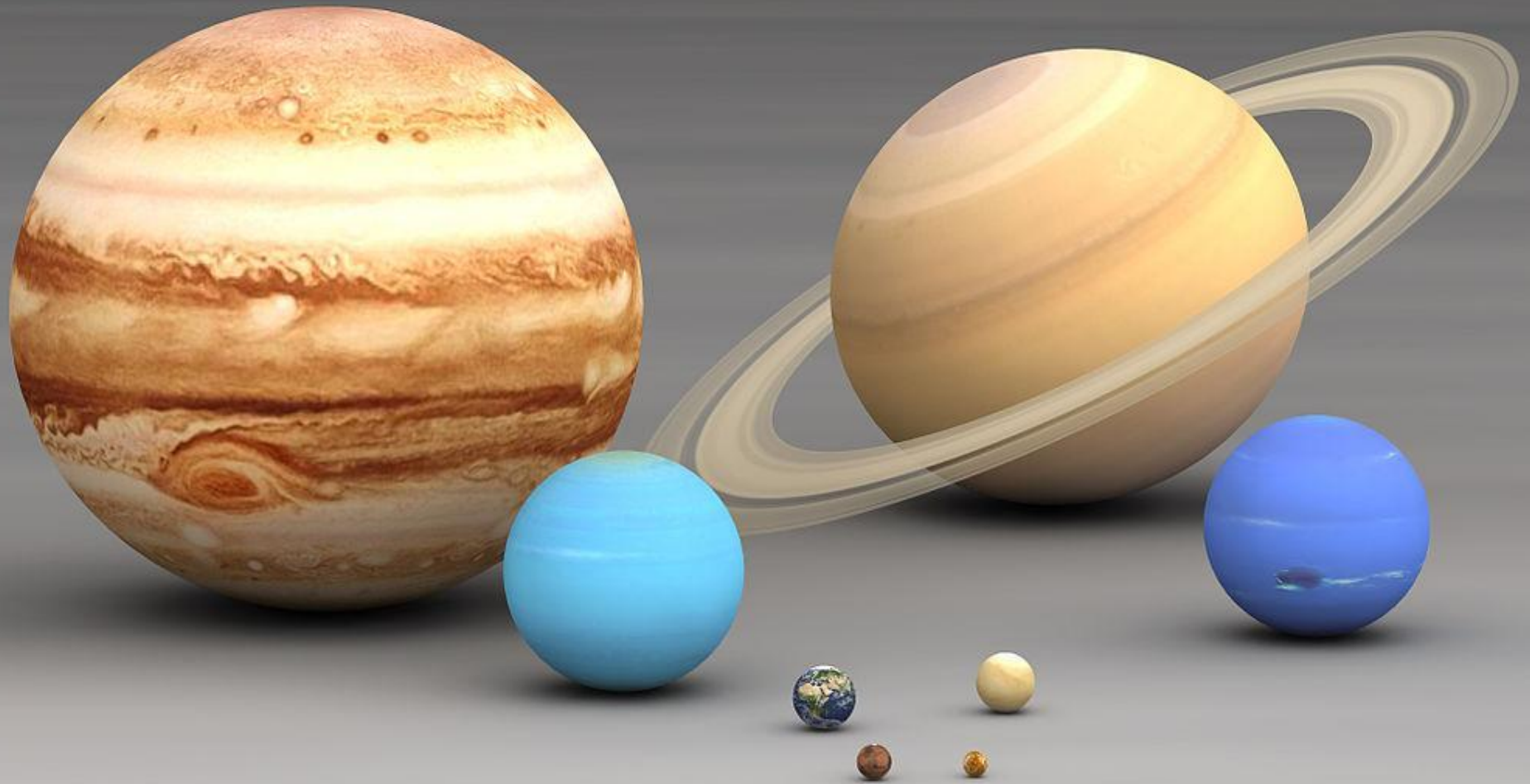


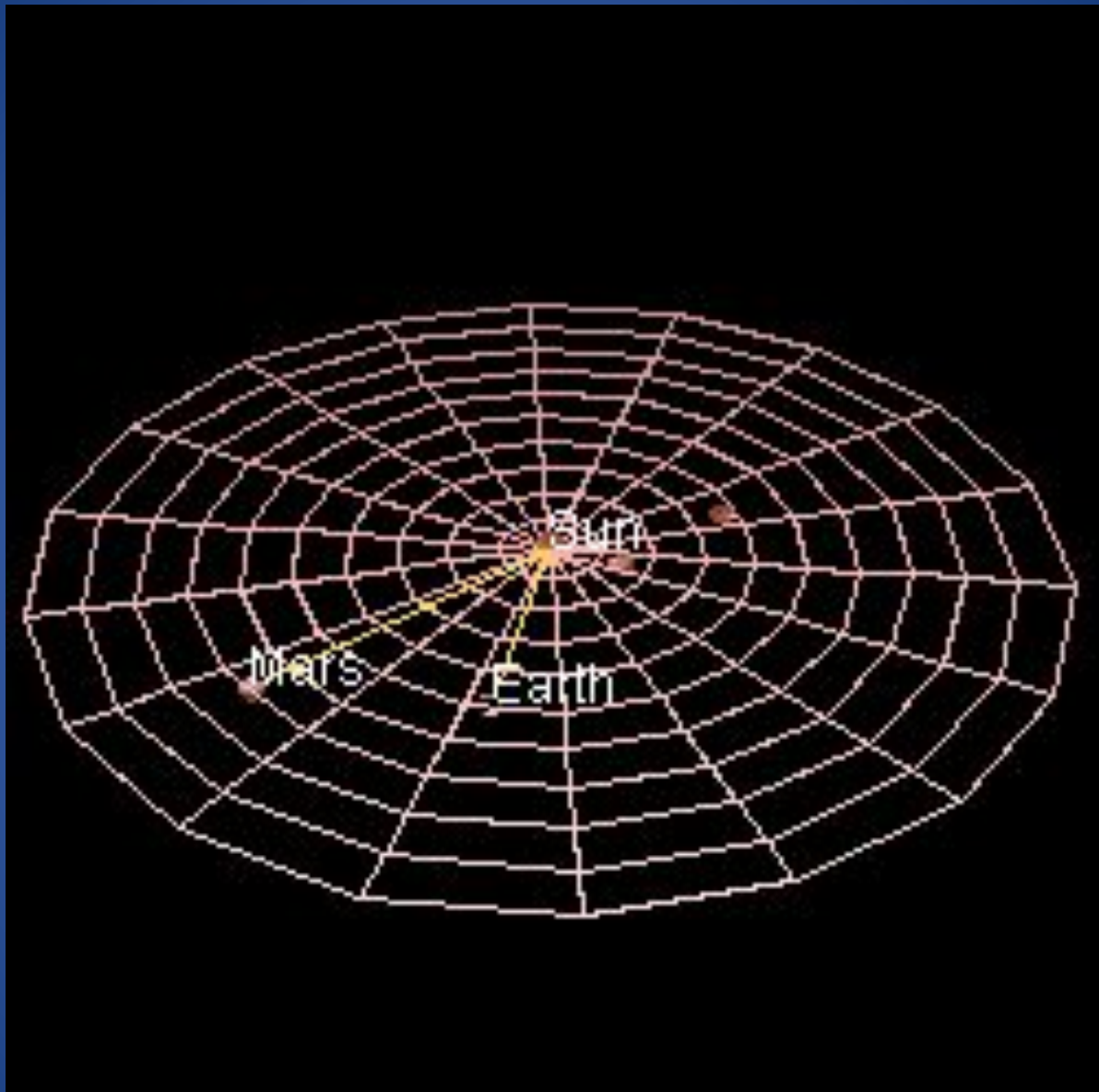
The Solar System









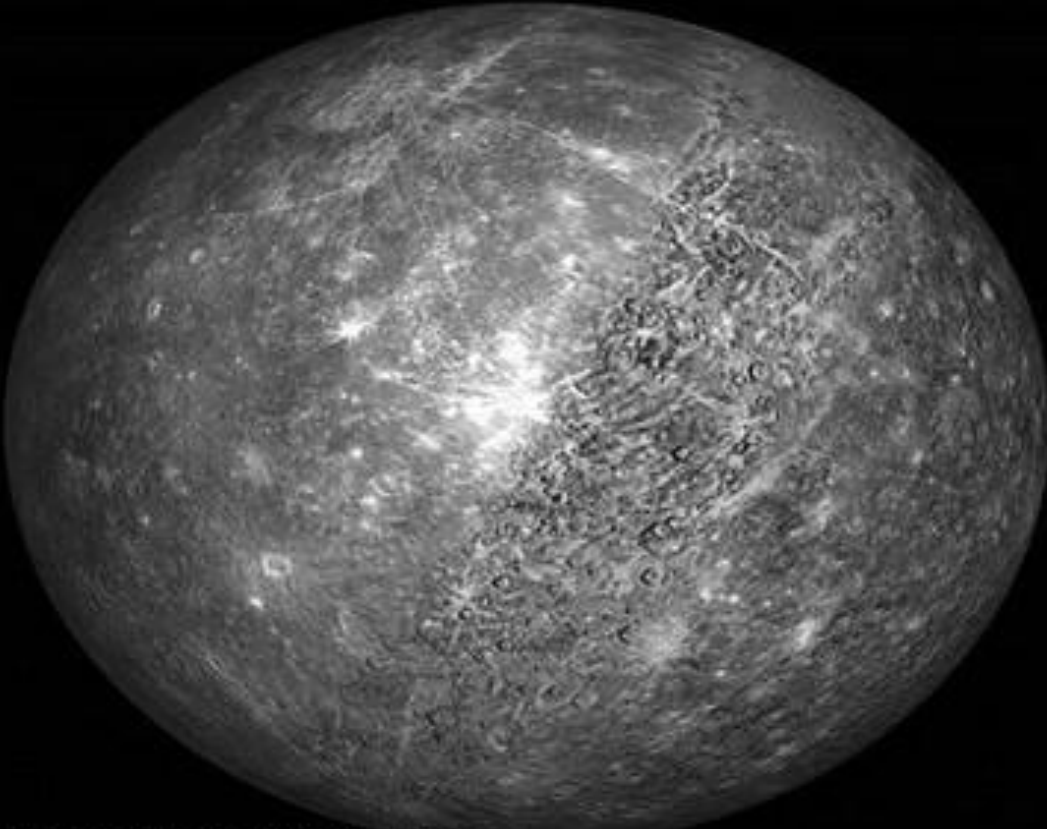




M E R C U R Y

Mercury

Mercury is the closest planet to the Sun and has the most cratered surface of any planet in the Solar System. Mercury's surface also appears to have shockwaves from a meteor impact. There are two moons in the Solar System bigger than Mercury - Ganymede which orbits Jupiter and Titan which orbits Saturn. In Roman mythology, Mercury was the god of commerce, travel and thievery. Its Greek name is Hermes, who was the messenger to the Gods.



Diameter: 3,031 miles

Distance from Sun: 35,983,095 miles

Number of Known Moons: None

Time To Turn on Axis: 59 days

Time To Orbit Sun: 88 days

Surface Gravity: 0.38

Mimimum Surface Temperature: -274 degrees Fahrenheit

Maximum Surface Temperature: 662 degrees Fahrenheit

VENUS ♀



Planet Profile

Mass: 4,867,320,000,000,000 billion kg (0.815 x Earth)

Equatorial Diameter: 12,104 km

Polar Diameter: 12,104 km

Equatorial Circumference: 38,025 km

Known Satellites: none

Notable Satellites: none

Orbit Distance: 108,209,475 km (0.73 AU)

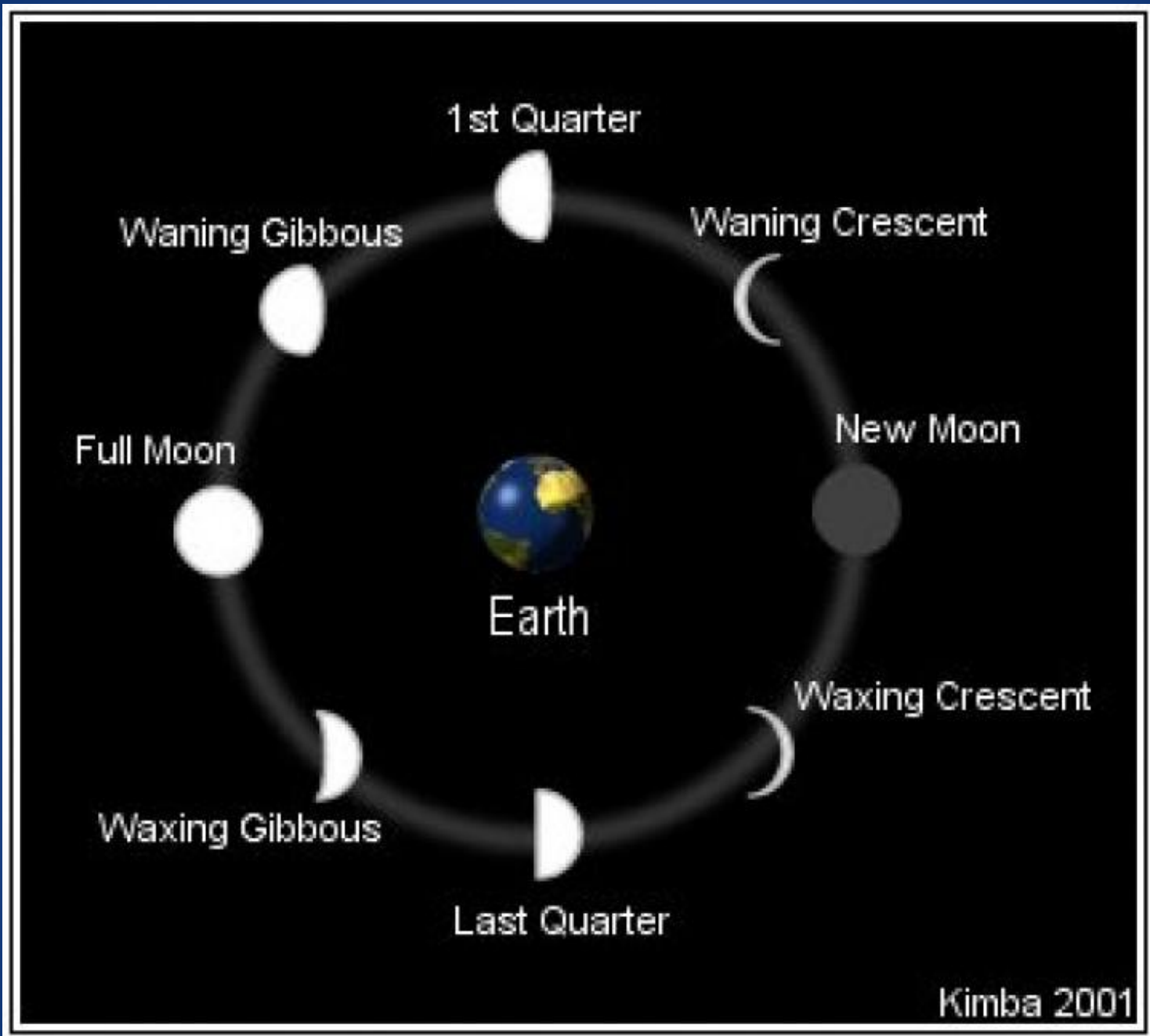
Orbit Period: 224.70 Earth days

Surface Temperature: 462 °C

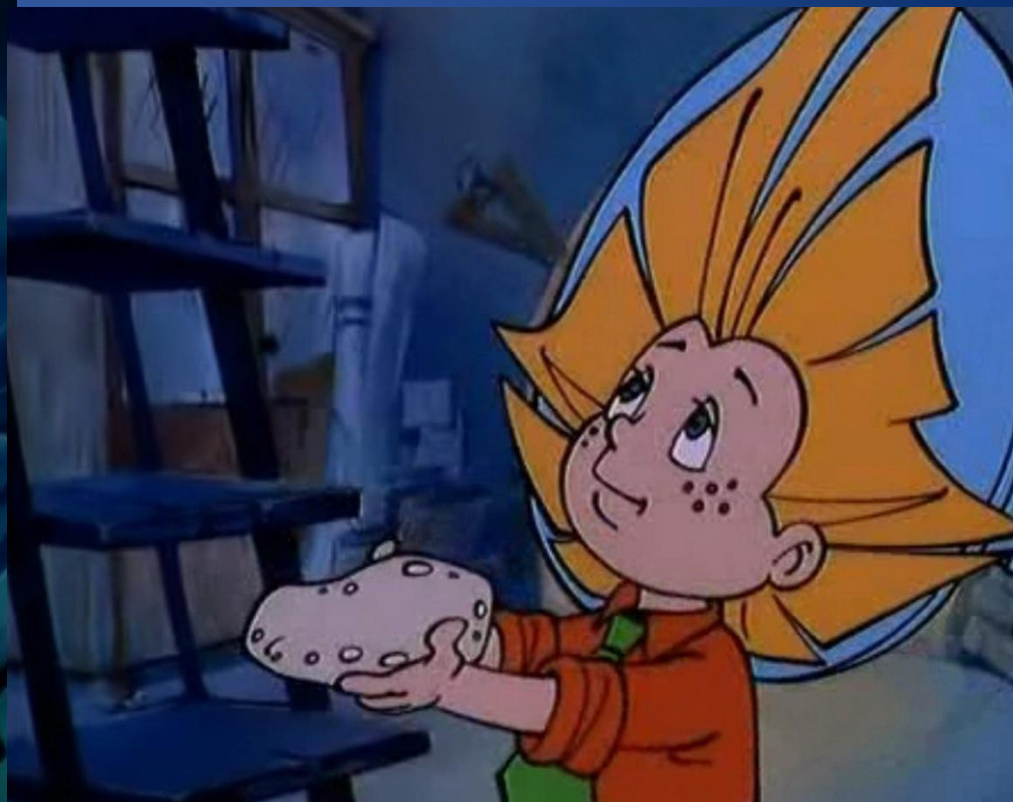
First Record: 17th century BC

Recorded By: Babylonian astronomers





Kimba 2001





Earth

Earth is the only planet in the Universe known to support life! A living planet, with abundant water, trees, plants and breathable air, Earth is a very special place, protected from dangerous sun rays and meteorites by its atmosphere. It is the third planet from the Sun, larger than three of the planets in the Solar System and smaller than the other four. It is kept company by one moon which to this date is the only other place to be visited by people from Earth.

Diameter: 7,926 miles

Distance from Sun: 92,955,820 miles

Number of Known Moons: 1

Time To Turn on Axis: 24 hours, 56 minutes

Time To Orbit Sun: 365 days, 6 hours

Surface Gravity: 1

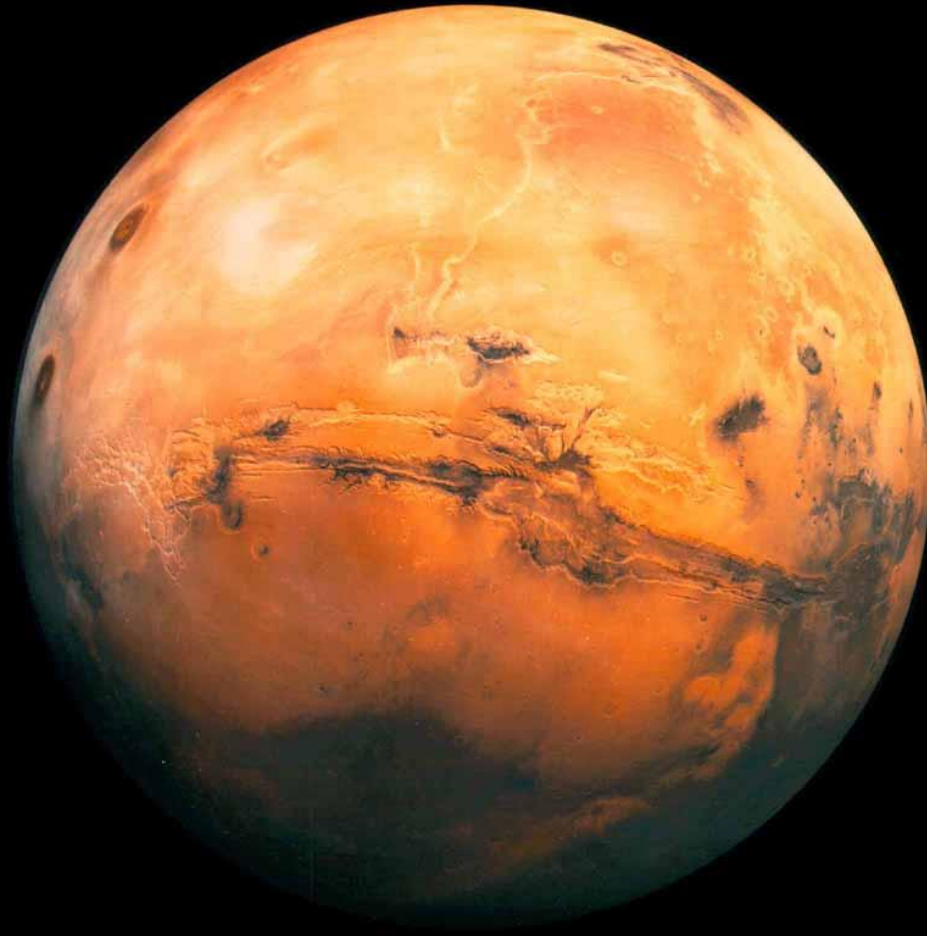
Average Surface Temperature: 59 degrees Fahrenheit

1:00
Universal Time





Mars Global Surveyor Project
Simple Facts
About Mars



Diameter: 6,794 km (53% of Earth)

Mars Day: 24 hrs, 37 min

Mars Year: 687 Earth Days

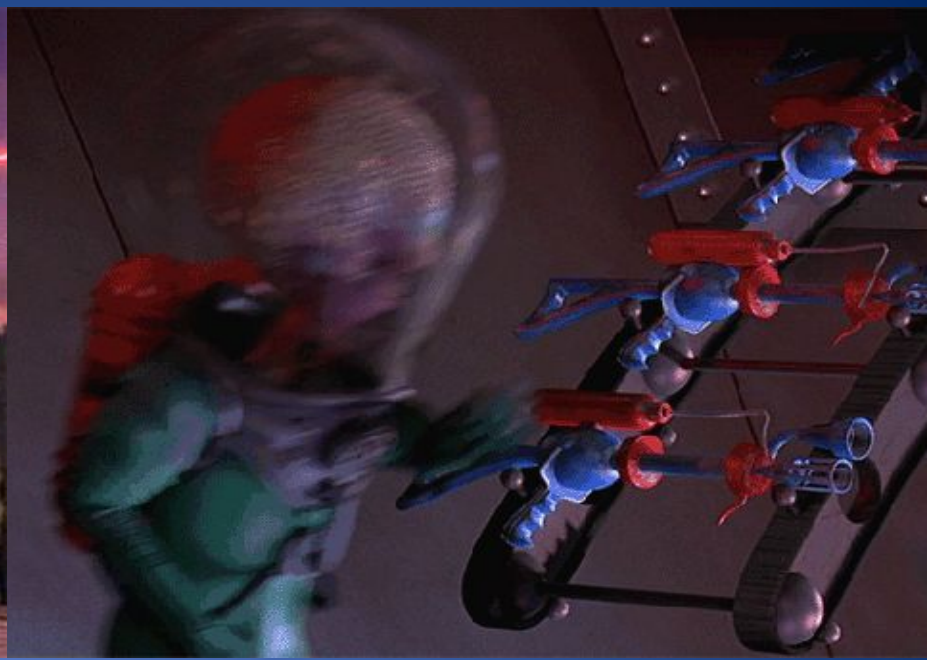
Mass: 11% of Earth

Gravity: 38% of Earth

Atmosphere: 95% Carbon Dioxide,
3% Nitrogen

Atmospheric Pressure: 1% of Earth's Sea Level

Temperature at Surface: Average Between
-140 to 20 Celsius



Jupiter

Jupiter is the largest planet in the Solar System and the first of the four Gas Giants. The planet is the fourth brightest object visible from Earth after the Sun, the Moon and Venus. The planet has a "red spot" which is a storm that has been observed on Jupiter since the planet was discovered. Jupiter also has a ring system like all of the large gas planets, although these rings aren't as famous or as visible as Saturn's. Orbiting Jupiter are also at least 63 moons, most of which were discovered in the 21st Century!



Great Red Spot

Diameter: 88,846 miles

Distance from Sun: 483,500,000,000 miles

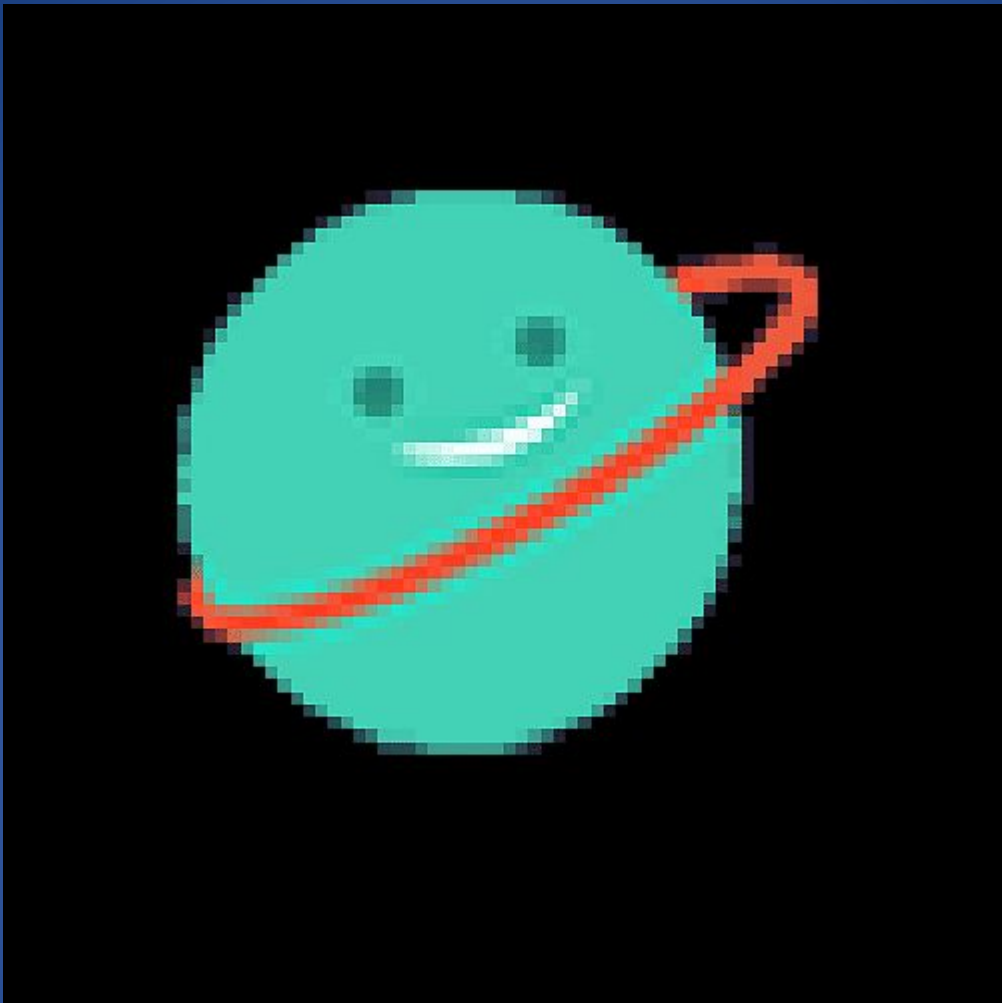
Number of Moons: 63

Time To Turn on Axis: 9 hours, 55 minutes

Time To Orbit Sun: 11.86 years

Surface Gravity: 2.64

Temperature at Cloud Tops: -234 degrees Fahrenheit





Saturn

The second largest planet in the Solar System, Saturn is famous because of the amazing rings that orbit the planet. The planet is mainly made up of gas and has been visited by the Voyager probes in the early 1980s and more recently by the Cassini probe. Orbiting Saturn are at least 60 known moons including a moon called Titan which has an atmosphere that may have been like Earth's during its formation.

Diameter: 120,540 km

Distance from Sun: 1,427,000,000 km

Number of Moons: 60

Time To Turn on Axis: 10 hours, 39 minutes

Time To Orbit Sun: 29.5 years

Surface Gravity: 1.16

Atmosphere: Hydrogen, Helium

Average Surface Temperature: -180 degrees Celcius

URANUS ♃



Planet Profile

Mass: 86,810,300,000,000,000 billion kg (14.536 x Earth)

Equatorial Diameter: 51,118 km

Polar Diameter: 49,946 km

Equatorial Circumference: 159,354 km

Known Satellites: 27

Notable Satellites: Oberon, Titania, Miranda, Ariel & Umbriel

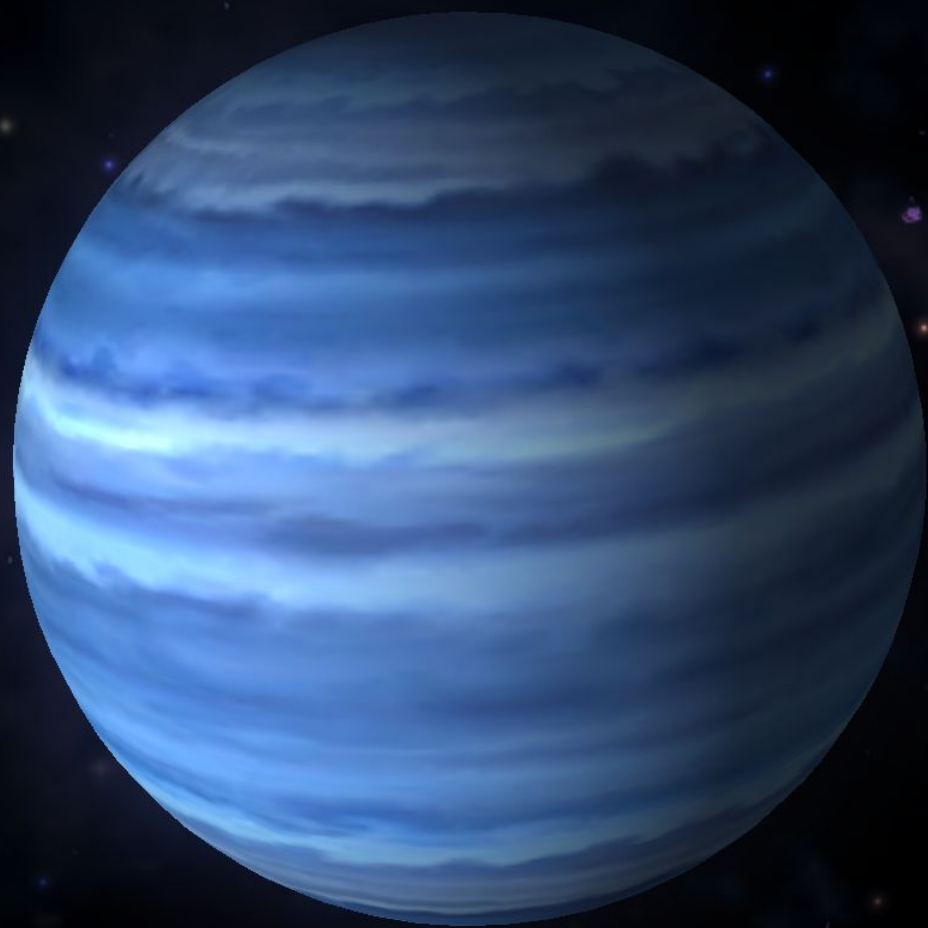
Orbit Distance: 2,870,658,186 km (19.22 AU)

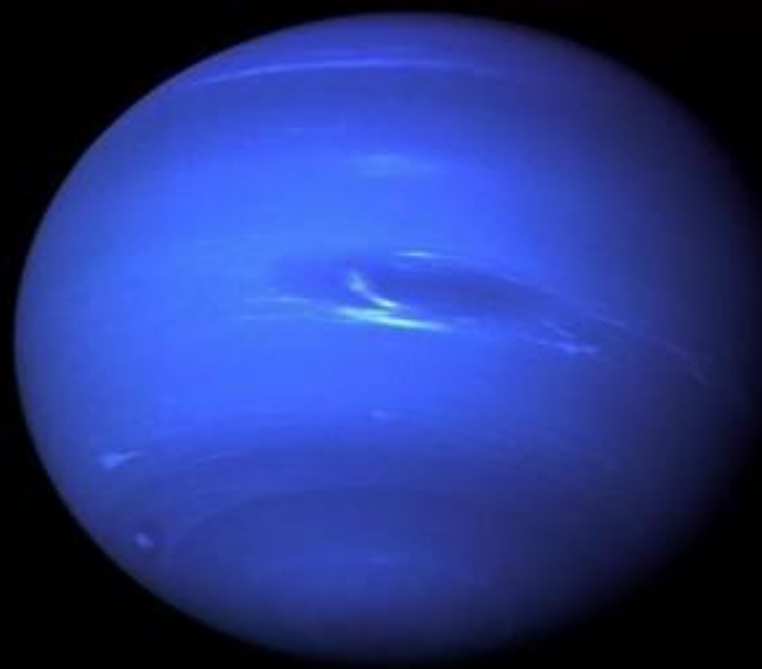
Orbit Period: 30,687.15 Earth days (84.02 Earth years)

Surface Temperature: -197 °C

Discover Date: March 13th 1781

Discovered By: William Herschel





Neptune

Neptune is the eighth planet in the Solar System, the second planet to be "discovered", the first planet to be discovered without actually being seen and the last of the four "Gas Giants"! Named after the Roman god of the sea, probably because of its deep blue colour, Neptune is also the windiest planet in the Solar System. Its orbit sometimes goes beyond that of Pluto, meaning that for a certain length of time, it is actually the most distant known planet in the Solar System. Orbiting Neptune are at least thirteen moons and a ring system.

Diameter: 49,530 km

Distance from Sun: 4,496,600,000 km

Number of Moons: 13

Time To Turn on Axis: 16 hours, 7 minutes

Time To Orbit Sun: 165 years

Surface Gravity: 1.21

Atmosphere: Hydrogen, Helium, Methane

Average Surface Temperature: -220 degrees Celcius