

# **What s the largest moon in the solar system**





## Overview

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Ganymede, or Jupiter III, is the of , and in the . Despite being the only moon in the Solar System with a substantial , it is the largest Solar System object without a substantial atmosphere. Like 's largest moon , it is larger than the planet , but has somewhat less than Mercury, .

What is the largest moon in the Solar System?

Orbiting the planet Jupiter is the solar system's largest moon. Called Ganymede, it has a diameter of 3,275 miles (5,270 kilometers). This makes Ganymede even larger than the planet Mercury, which has a diameter of 3,032 miles (4,879 kilometers). If Ganymede formed in orbit around the Sun rather than Jupiter, it would likely be defined as a planet.

What are the 4 largest moons in the Solar System?

Moving in order from innermost to outermost, they are Io, Europa, Ganymede, and Callisto. Ganymede is the larger of the four and the biggest, most massive moon in the solar system. Having a diameter of 3,273-miles (5,268-kilometres), it is larger than Mercury, which has a diameter of 3,032-miles (4,879-kilometres).

Which Moon has a magnetic field?

Ganymede is the largest moon in our solar system and the only moon with its own magnetic field. Callisto is the most heavily cratered object in our solar system. Ganymede completes an orbit around Jupiter about every seven Earth days (7.155). Ganymede orbits the Sun along with Jupiter and its other satellites every 12 Earth years.

What is the furthest Moon from Jupiter?

The furthest from Jupiter was called Callisto. Callisto is the second-largest moon of Jupiter and the third-largest in the solar system overall, having a diameter of 2,995 miles (4,820 kilometers). The surface of Callisto is heavily cratered, and it is likely the least active world in the solar system.

How many moons are there in our Solar System?



A plane is seen flying in front of the Moon on July 31, 2015, in Arlington, Virginia. According to the NASA/JPL Solar System Dynamics team, the current tally of moons orbiting planets in our solar system is 293: One moon for Earth; two for Mars; 95 at Jupiter; 146 at Saturn; 28 at Uranus; 16 at Neptune; and five for dwarf planet Pluto.

What is a planetary moon called?

These moons are called small-body satellites. Most planetary moons probably formed from the discs of gas and dust circulating around planets in the early solar system, though some are captured objects that formed elsewhere and fell into orbit around larger worlds. Scientists are very good at spotting tiny moons orbiting distant, giant planets.



## What s the largest moon in the solar system

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### What is the biggest moon in the solar system? , Socratic

Jupiter's moon Ganymede is the largest moon in the solar system. Ganymede is the 7th most distant moon from Jupiter and with a diameter of 5,268km is the largest moon in the solar system. It is slightly bigger than Saturn's moon Titan which has a diameter of 5,151km. It was thought that Titan was the biggest moon in the solar system until the Voyager probes ...

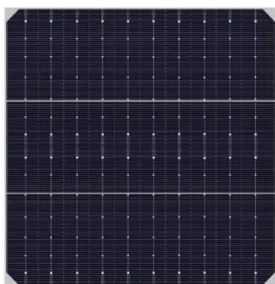
### 10 Things About Our Solar System's Most Marvelous Moons

Triton is Neptune's largest moon, and the only sizable moon in the solar system to orbit in the opposite direction of its planet's rotation, a retrograde orbit. It may have been captured from the Kuiper Belt, where Pluto orbits. Despite the frigid temperatures there, Triton



### [All Moons in Our Solar System \[2024 Update\]](#)

It is the largest of the moons of Uranus and the eighth-largest moon in the Solar System. Mean radius:  $788.4 \pm 0.6$  km (490 mi) (0.1235 Earths). Trinculo: Discovered on August 13, 2001, by Matthew Holman, John J. Kavelaars and Dan Milisavljevic at the Dominion Astrophysical Observatory in Victoria, British Columbia, and by using the 4-m reflector at the Cerro Tololo ...



### What is the largest moon in the Solar System?

One of Jupiter's moons, Ganymede, is the largest moon in the Solar System. Ganymede has a



diameter of 3270 miles (5,268 km) and is larger than the planet Mercury. It has a rocky core with a water/ice mantle and a crust of rock and ice. Ganymede has



19 Largest Moons in the Solar System

Triton, Neptune's largest moon, has a diameter of 2,706 kilometers and is the only large moon in the solar system with a retrograde orbit, meaning it orbits in the opposite ...



**Planet Sizes and Locations in Our Solar System**

Jupiter Jupiter is the largest planet in the solar system. It's about 11 times wider than Earth with an equatorial diameter of 88,846 miles (about 142,984 kilometers). Jupiter is the fifth planet from the Sun, orbiting at an average distance of 483.7 million miles (778 million kilometers). (778 million kilometers).



**Ganymede: A guide to the largest moon in the solar ...**

Ganymede is Jupiter's largest moon and is also the largest moon in the entire solar system. It is bigger than both Mercury and dwarf planet Pluto and only slightly smaller than Mars. The





### How Many Moons are in the Solar System?

The title of "largest moon in the Solar System" goes to Ganymede, which measures 5,262.4 kilometers (3,270 mi) in diameter. This not only makes it larger than Earth's Moon but larger even

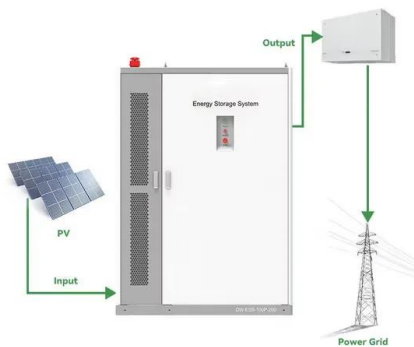


### **What is the largest moon in the Solar System? , Cool Cosmos**

One of Jupiter's moons, Ganymede, is the largest moon in the Solar System. Ganymede has a diameter of 3270 miles (5,268 km) and is larger than the planet Mercury. It has a rocky core with a water/ice mantle and a crust of rock and ice. Ganymede has

### **In Depth , Moons**

Titan, the second largest in the solar system, is the only moon with a thick atmosphere. In the realm of the ice giants, Uranus's inner moons appear to be about half water ice and half rock. Miranda is the most unusual; its chopped-up appearance shows ...



### **Moons of Our Solar System**

According to the NASA/JPL Solar System Dynamics team, the current tally of moons orbiting planets in our solar system is 293: One moon for Earth; two for Mars; 95 at Jupiter; 146 at Saturn; 28 at Uranus; 16 at Neptune; and five for ...



### Ganymede: A guide to the largest moon in the solar system

Galileo called this moon Jupiter III. When the numerical naming system was abandoned in the mid-1800s, the moon was named after Ganymede, a Trojan prince in Greek mythology. Zeus, a counterpart of



### Jupiter's Moon Ganymede

This Galileo image shows Jupiter's moon Ganymede in enhanced colour. The JWST aimed its instruments at our Solar System's largest moon to study its surface. In 1610, Galileo Galilei looked up at



### List of natural satellites

Of the Solar System's eight planets and its nine most likely dwarf planets, six planets and seven dwarf planets are known to be orbited by at least 300 natural satellites, or moons. At least 19 of them are large enough to be gravitationally rounded; of these, all are covered by a crust of ice except for Earth's Moon and Jupiter's Io. [1]



### How Many Moons Does Each Planet Have?

3 ???· Jupiter also has the biggest moon in our solar system, Ganymede. These moons are so big you can see them with just a pair of binoculars. Saturn As of June 8, 2023, Saturn has 146 moons. And that's not counting Saturn's beautiful rings! Saturn's moons have





### What is the Largest Moon in the Solar System?

Now you know the answer to 'what is the largest moon in the Solar System' and a few interesting facts about Ganymede. Jupiter has 63 moons, so there are plenty more facts for you to discover.



### How Big is the Moon? , Comparisons, Size, Facts & Information

The largest moon in the Solar System, namely Ganymede, has a diameter of around 1.51 times that of our Moons. The Moon is located at about 384,400 kilometers / 238,855 miles away from Earth, or 1.29 light-seconds. The Moon is 384,400,000 meters away

### Discover the 7 Largest Moons in the Solar System

Ganymede, Jupiter's largest moon, is also the largest moon in our solar system. Ganymede has a diameter of 5,270 kilometers, or 3,725 miles. This is just larger than the planet Mercury, which measures 4,878 kilometers (3,030 miles) from one end to another.



### What Is The Largest Moon In The Solar System?

The biggest moon in the solar system is Jupiter's moon Ganymede with a diameter of 3,273-miles (5,268-kilometres), making it larger than the planet Mercury and the ninth largest object in the solar system.



### Olympus Mons: The largest volcano in the solar system , Space

Mars Odyssey celebrates 100,000 orbits, captures epic view of solar system's largest volcano The largest volcano on Mars may sit above a 1,000-mile magma pool. Could Olympus Mons erupt again?



### Moons of the Solar System

Saturn's moon Titan, the second largest in the solar system, is the only moon with a thick atmosphere. Beyond Saturn, Uranus has 27 known moons. The inner moons appear to be about half water ice and half rock. Miranda is the most unusual; its chopped-up

### In Depth , Earth's Moon - NASA Solar System Exploration

The brightest and largest object in our night sky, the Moon makes Earth a more livable planet by moderating our home planet's wobble on its axis, leading to a relatively stable climate. It also causes tides, creating a rhythm that has guided humans for thousands of years.



### Ganymede , biggest moon in the solar system , Jupiter moons

This moon, which belongs to Jupiter, is not just the biggest moon in the solar system, it is also bigger than some of the planets. This moon also has a range of seas and lakes on its surface, all of which are filled with what's known as liquid hydrocarbons A



List of Solar System objects by size

The following objects have a nominal mean radius of 400 km or greater. It was once expected that any icy body larger than approximately 200 km in radius was likely to be in hydrostatic equilibrium (HE). [7] However, Ceres (r = 470 km) is the smallest body for which detailed measurements are consistent with hydrostatic equilibrium, [8] whereas Iapetus (r = 735 km) is the largest icy body ...



**Ganymede (moon)**

OverviewHistoryNameOrbit and rotationPhysical characteristicsOrigin and evolutionExplorationSee also

Ganymede, or Jupiter III, is the largest and most massive natural satellite of Jupiter, and in the Solar System. Despite being the only moon in the Solar System with a substantial magnetic field, it is the largest Solar System object without a substantial atmosphere. Like Saturn's largest moon Titan, it is larger than the planet Mercury, but has somewhat less surface gravity than Mercury, Io, ...

**Ganymede - Facts About The Largest & Most ...**

Ganymede is the largest moon in the solar system and is even bigger than Planet Mercury and the dwarf planet Pluto! Ganymede's discovery in 1610 (along with the other Galilean Moons) played a significant role in the advancement of ...



**Ganymede: Facts**

Ganymede is the largest moon in our solar system and the only moon with its own magnetic field. Callisto is the most heavily cratered object in our solar system. Ganymede completes an



orbit around Jupiter about every seven Earth days ...



### What are the Largest Moons in the Solar System?

The largest moon in the solar system is Ganymede which orbits Jupiter, the fifth planet from the Sun.. Ganymede's radius is 2,631.2 km which is larger than our Moon which is 1737.5 km. In comparison, the Earth's radius is 6,371km so roughly it is a third the.



### Moons of Our Solar System

How Many Moons Are in Our Solar System?  
Naturally-formed bodies that orbit planets are called moons, or planetary satellites. The best-known planetary satellite is, of course, Earth's Moon. Since it was named before we learned about other planetary satellites, it is called simply "Moon." According to the NASA/JPL Solar System Dynamics team, the current tally [...]



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