

# Biggest moon in our solar system

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 kilometers), it is larger than Mercury, which has a diameter of 3,032 miles (4,879 kilometers).

Is there an underground ocean on Jupiter's largest moon?

“NASA's Hubble Observations Suggest Underground Ocean on Jupiter's Largest Moon” . NASA News. Archived from the original on November 5, 2019. Retrieved March 15, 2015.

How many moons are there in the Solar System?

NASA JPL Solar System Dynamics lists 290 moons: one moon for Earth; two for Mars; 95 at Jupiter; 146 at Saturn; 27 at Uranus; 14 at Neptune; and five for dwarf planet Pluto but the more official and recognized count is a little lower. Jupiter and Saturn are often neck and neck for the most number of officially recognized moons in the solar system.

How many moons orbit the planets and dwarf planets?

There are over 180 moons that orbit the planets and dwarf planets. The largest 19 moons in the list below are large enough to have been rounded by their own gravity (this is called being in hydrostatic equilibrium). If these moons were directly orbiting the Sun, that'd be referred to as planets or dwarf planets!

What are Jupiter's moons called?

In time, he would notice that these "stars" were orbiting the planet, and realized that they were in fact Jupiter's moons - which would come to be named Io, Europa, Ganymede and Callisto. Of these, Ganymede is the largest, and boasts many fascinating characteristics.

Saturn's largest moon, Titan, is an icy world whose surface is completely obscured by a golden hazy atmosphere. Titan is the second largest moon in our solar system. Only Jupiter's moon Ganymede is larger, by just 2 percent. Titan is bigger than Earth's moon, and larger than even the planet Mercury.

Titan, Saturn's largest moon, spans 5,151 kilometers in diameter, making it the second-largest moon in the solar system. What sets Titan apart is its dense, nitrogen-rich atmosphere, thicker than Earth's, with surface pressure 1.5 times that of our planet. Methane and ethane rain from its skies, forming lakes and rivers, giving

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Titan a ...

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 largest planet in our solar system by far is Jupiter, which beats out all the other planets in both mass and volume. Jupiter's mass is more than 300 times that of Earth, and its diameter, at 140,000 km, is about 11 times Earth's diameter. ... Jovian Moons: 79 and Counting; Jupiter's Weird Magnetic Field; A Weather Cycle on Jupiter;

Jupiter's icy moon Ganymede is the largest moon in our solar system, even bigger than the planet Mercury, and the dwarf planet Pluto. There's strong evidence that Ganymede has an underground saltwater ocean that may hold more water than all the water on Earth's surface. It might even have ice and oceans stacked up in several layers like a club sandwich.

When it comes to other satellites, the Moon is the fifth largest satellite in the Solar System. So let's take a look at the top 10 biggest moons in the Solar System. Top 10 Biggest Moons in the Solar System. The top 10 biggest moons in our Solar System are genuinely gigantic, with some of them being even bigger than some of the Solar System ...

The solar system's largest moon, Ganymede, is captured here alongside the planet Jupiter in a color picture taken by NASA's Cassini spacecraft on Dec. 3, 2000. Ganymede is ...

They are planetary-mass moons and among the largest objects in the Solar System. All four, along with Titan, Triton, and Earth's Moon, are larger than any of the Solar System's dwarf planets. The largest, Ganymede, is the largest moon ...

Moons - also called natural satellites - come in many shapes, sizes and types. They are generally solid bodies, and few have atmospheres. Most planetary moons probably formed out the discs of gas and dust circulating around planets in the early solar system. There are hundreds of moons in our solar system - even asteroids [...]

They are planetary-mass moons and among the largest objects in the Solar System. All four, along with Titan, Triton, and Earth's Moon, are larger than any of the Solar System's dwarf planets. The largest, Ganymede, is the largest moon in the Solar System and surpasses the planet Mercury in size (though not mass). Callisto is only slightly ...

Callisto is Jupiter's second largest moon and the third largest moon in our solar system. [Read More](#). Io. Io is Jupiter's third largest moon, and the most volcanically active world in our solar system. [Read More](#). Europa. Europa is Jupiter's fourth largest moon. It's ...

Parts-per-million chart of the relative mass distribution of the Solar System, each cubelet denoting 2 &#215;

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10 24 kg. This article includes a list of the most massive known objects of the Solar System and partial lists of smaller objects by observed mean radius. These lists can be sorted according to an object's radius and mass and, for the most massive objects, volume, density, and surface ...

3 days ago; They have lots of moons. Jupiter, for instance, has 95 known moons! The most well-known of Jupiter's moons are Io (pronounced eye-oh), Europa, and Callisto. 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 ...

It is also the second densest moon in our Solar System (after Io), with a mean density of 3.3464 g/cm<sup>3</sup>; ... The title of "largest moon in the Solar System" goes to Ganymede, which measures ...

Located within the Milky Way galaxy, our solar system consists of everything within the gravitational pull of the sun. Included in the solar system are the seven main planets, dwarf planets, other celestial bodies, and over 200 moons. Moons orbit the planets and even some large asteroids, ranging in size from around 13 kilometers (eight miles) in diameter to over ...

Jupiter: The largest planet in our solar system boasts 95 moons. The four largest--Io, Callisto, Ganymede, and Europa--were discovered by Galileo Ganymede and Simon Marius in 1610. Saturn: renowned for its majestic rings, it boasts a staggering 146 moons; the largest, Titan, was discovered in 1655 by Dutch astronomer Christiaan Huygens.

7.) Triton: Neptune's largest moon was once the Solar System's largest Kuiper belt object, but was gravitationally captured a long time ago. Orbiting close in at a mean distance of only 355,000 km ...

Saturn's largest moon Titan is an extraordinary and exceptional world. Among our solar system's hundreds of known moons, Titan is the only one with a substantial atmosphere. And of all the places in the solar system, Titan is the only place besides Earth known to have liquids in the form of rivers, lakes and seas [...]

beneath the hazy atmosphere of Saturn's largest moon, Titan. 2000-present -- Using improved ground-based telescopes, the Hubble Space Telescope, and spacecraft observations, sci-entists have found dozens of new moons in our solar system. Newly discovered moons (as well as other solar system objects)

Jupiter's moon Ganymede is the largest moon in the solar system and likely has a salty ocean underneath its icy surface. ... And its mass is also two times larger than that of our moon -- the ...

Source: NASA/JPL The tenth largest moon in the solar system is the second largest orbiting Uranus. We learned more about the moon after the Voyager 2 probe visited Uranus in 1996. We discovered that Oberon is half rock, half water ice and pocked with craters.

Our moon makes life possible because it stabilizes our orbit. Without it, the environment would be too chaotic

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for life as we know it to exist. ... Ganymede is the largest moon in the solar system. It's big enough to be considered a planet as it's larger than Mercury and Pluto. Similar to planets, Ganymede has three layers; a metallic core ...

Here, we present our entire ranking of confirmed moons in the solar system. If you want to see the top 26, click right here.. According to NASA's website, there are over 200 moons in the solar ...

Mars, the red planet, is the seventh largest planet in our solar system. Mars is about half the width of Earth, and has an equatorial diameter of about 4,221 miles (6,792 kilometers). Mars is the fourth planet from the Sun, ...

You'll be surprised to hear that the largest moon in the Solar system is not the Moon that orbits Earth. 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.

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