



What is the largest object in the Solar System?

Topping our charts for what seems like an eternity and the undisputed holder of the title of Official Largest Object in the Solar System is everybody's favourite star, the Sun!

What is the largest object after the Sun and the planets?

With a diameter of about 5262 kilometers it is the largest object after the Sun and the planets. It was discovered by Galileo in 1610 and is named after the Greek mythological character Ganymede, who was a handsome young man abducted by Zeus to become the divine cup of Olympus.

What is the tenth largest object in the Solar System?

The tenth largest object in the Solar System is Titan, the Solar System's second largest moon which orbits the Solar System's second largest planet, Saturn. What makes Titan unique is that it is the only moon in the Solar System to possess an atmosphere. And what an atmosphere it does possess!

What is the most unique object in the Solar System?

At number six is the Solar System's most unique, most special and most interesting object. It's none other than your home. Well, obviously, not your actual house, but the world on which it is situated. It's Earth, the first object in this chart with a solid surface, and therefore the first place you can actually stand on.

What is the largest natural satellite of Jupiter?

Image: Ganymede is the largest natural satellite of Jupiter and also the largest natural satellite in the solar system. With a diameter of about 5262 kilometers it is the largest object after the Sun and the planets.

What are some examples of small objects in the Solar System?

For more about very small objects in the Solar System, see meteoroid, micrometeoroid, cosmic dust, and interplanetary dust cloud. (See also Visited/imaged bodies.)

# LIST OF LARGEST OBJECTS IN THE SOLAR SYSTEM



The following is a list of Solar System objects by orbit, ordered by increasing distance from the Sun. Most named objects in this list have a diameter of 500 km or more. ??? The Sun, a spectral class G2V main-sequence star??? The inner Solar System and the terrestrial planets



This is a list of Solar System objects by greatest aphelion or the greatest distance from the Sun that the orbit could take it if the Sun and object and 2200 AU (70 times farther from the Sun than Neptune). The following is a list of minor planets with the largest aphelion in descending order. [16] Minor planets with a heliocentric aphelion



The above animation from planetary scientist Dr. James O'Donoghue helps put in perspective the different objects in the solar system in terms of size, rotational speed, and the axial tilt at which they rotate. Selected Solar System Objects to Scale. With such a diverse solar system of planets and other celestial objects, there is no shortage

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Our solar system includes the Sun, eight planets, five dwarf planets, and hundreds of moons, asteroids, and comets. The largest planet is Jupiter. If Jupiter was a hollow shell, 1,000 Earths could fit inside. This is a ring of icy bodies, almost all ???



The solar system consists of an average star we call the Sun, its "bubble" the heliosphere, which is made of the particles and magnetic field emanating from the Sun - the interplanetary medium - and objects that orbit the Sun: from as close as the planet Mercury all the way out to comets almost a light-year away. A light year is the distance light travels in a year, moving at about ???



Largest canyon: 4000 km long, 200 km wide Valles Marineris, Mars [1] Tallest mountain: 22 km (13.6 mi) Rheasilvia central peak, Vesta List of gravitationally rounded objects of the Solar System; Notes References. External links. Yale-New Haven Teachers Institute, 07.

# LIST OF LARGEST OBJECTS IN THE SOLAR SYSTEM



The third-largest asteroid with an accurately measured mass, because it has moons, is 87 Sylvia at  $(14.76 \pm 0.06) \times 10^{18}$  kg. Other large asteroids with masses measured from their moons are 107 Camilla and 130 Elektra. [3] [13] [1] For a more complete list, see List of ???



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 [??]



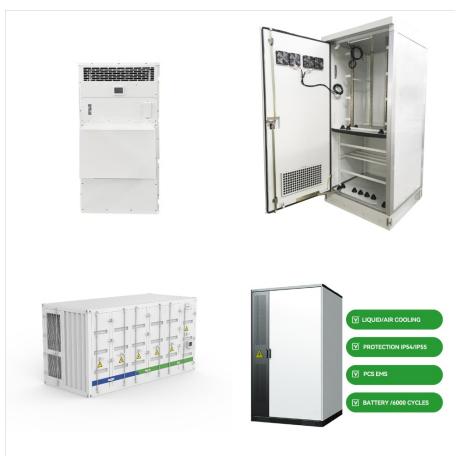
A list of the largest asteroids in the solar system and their positions. Know more about these amazing large bodies of rock. Solarstory . Home; Objects. All objects; Universe; Milky Way; (318 miles) in size. It's on the list of discovered objects for consideration as a dwarf planet (along with Sedna, Orcus, Quaoar, 2002 TX 300, 2002 AW



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The following is a list of centaurs, a group of non-resonant small Solar System bodies whose orbit around the Sun lie typically between the orbits of Jupiter and Neptune (5 to 30 AU). Centaurs are minor planets with characteristics of comets, and often classified as such. The dynamical group is formed due to Neptune's eroding effect on the Kuiper belt by means of gravitational scattering



This is a list of trans-Neptunian objects (TNOs), which are minor planets in the Solar System that orbit the Sun at a greater distance on average than Neptune, that is, their orbit has a semi-major axis greater than 30.1 astronomical units (AU). The Kuiper belt, scattered disk, and Oort cloud are three conventional divisions of this volume of space. [1]  
[nb 1] As of April 2022, the catalog of



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] Several of the largest ones are in hydrostatic

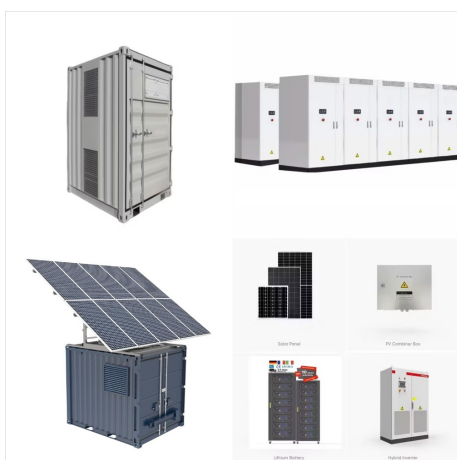
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Our solar system has eight planets, and five dwarf planets - all located in an outer spiral arm of the Milky Way galaxy called the Orion Arm. Dwarf planet Ceres is the largest object in the asteroid belt between Mars and Jupiter, and it's the only dwarf planet located in the inner solar system. Explore Ceres.



Our solar system has eight planets, and five dwarf planets - all located in an outer spiral arm of the Milky Way galaxy called the Orion Arm. Dwarf planet Ceres is the largest object in the asteroid belt between Mars and Jupiter, and it's the ???



List of objects by radius Larger than 400 km. It was once expected that any icy body larger than approximately 200 km in radius was likely to be in hydrostatic equilibrium (HE). However, Rhea is the smallest body where detailed measurements have been made and are consistent with hydrostatic equilibrium, whereas Iapetus is the largest determined not to be in hydrostatic ???

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An overview of the history, mythology and current scientific knowledge of the planets, moons and other objects in our solar system. Skip to content. Menu. The Nine Planets Ceres is the largest object in the asteroid belt but was reclassified a dwarf planet in 2006 - even though it's 14 times smaller than Pluto.



Positions of known outer Solar System objects (1930) and is the largest known dwarf planet. Gallery. Notable trans-Neptunian objects; Orbit diagram of 2018 AG 37, the furthest known Solar System object from the Sun as of 2022. The orbits of the three known sednoids: 90377 Sedna, 2012 VP 113, and Lele??k?<<honua



List of Solar System objects. From Wikipedia, the free encyclopedia. The following is a list of Solar System objects by orbit, ordered by increasing distance from the Sun. Most named objects in this list have a diameter of 500 km or more. The Sun, a spectral class G2V main-sequence star;

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Venus is the sixth largest planet in the solar system. Venus is about the same width as Earth, and has an equatorial diameter of about 7,521 miles (12,104 kilometers). For this reason, Venus is sometimes known as ???



Parts-per-million chart of the relative mass distribution of the Solar System, each cubelet denoting  $2 \times 10^{24}$  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



With the discovery of many new objects in our solar system, in 2006, astronomers refined the definition of a planet. Eris is the largest known dwarf planet in the solar system ??? about 27% more massive than Pluto. The object was not discovered until 2003 because it is about three times farther from the Sun than Pluto, and almost 100 times



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Venus is the sixth largest planet in the solar system. Venus is about the same width as Earth, and has an equatorial diameter of about 7,521 miles (12,104 kilometers). For this reason, Venus is sometimes known as Earth's twin. Venus is the second planet from the Sun, orbiting at an average distance of 67.2 million miles (108 million



The number of dwarf planets in the Solar System is unknown. Estimates have run as high as 200 in the Kuiper belt [1] and over 10,000 in the region beyond. [2] However, consideration of the surprisingly low densities of many large trans-Neptunian objects, as well as spectroscopic analysis of their surfaces, suggests that the number of dwarf planets may be much lower, ???



The solar system has one star, eight planets, five dwarf planets, at least 290 moons, more than 1.3 million asteroids, and about 3,900 comets. Which Planet is Biggest. Which planet is smallest? What is the order of the planets as we move out from the Sun? Near-Earth Object (NEO) Surveyor is the first space telescope specifically

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For a list of named planets, dwarf planets and stars, see: List of gravitationally rounded objects in the Solar System; For a list of named minor planets see: List of named minor planets. For a list of named moons see: List of natural satellites This page was last edited on 20 March 2022, at 16:39



List of solar system objects: By orbit???By mass???By radius???By name This is a list of named solar system objects, including planets, moons, dwarf planets, and trans-Neptunian objects, ordered alphabetically. For asteroids and other minor planets not listed here, see List of named asteroids. Adrastea ??? moon of Jupiter Aitne ??? moon of Jupiter Albiorix ??? moon of Saturn Amalthea ??? ???