

All the planets and moons in our solar system





Overview

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.

How many planets are in our Solar System?

Our solar system consists of our star, the Sun, and everything bound to it by gravity – the planets Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune; dwarf planets such as Pluto; dozens of moons; and millions of asteroids, comets, and meteoroids. Beyond our own solar system, there are more planets than stars in the night sky.

How many moons does Uranus have?

Uranus has 28 known moons that we know of. Some of them are half made of ice. Lastly, Neptune has 16 known moons. One of Neptune's moons, Triton, is as big as dwarf planet Pluto. To learn more about the moons in our solar system, visit the [NASA Solar System Exploration moons page](#).

Which planets have a moon?

Moons orbit planets. Right now, Jupiter has the most named moons—50. Mercury and Venus don't have any moons. Earth has one. It is the brightest object in our night sky. The Sun, of course, is the brightest object in our daytime sky. It lights up the moon, planets, comets, and asteroids.

Which planets are in the inner and outer Solar System?

The inner Solar System includes Mercury, Venus, Earth, Mars, and the bodies in the asteroid belt. The outer Solar System includes Jupiter, Saturn, Uranus, Neptune, and the bodies in the Kuiper belt. [35].



How many moons does Neptune have?

Planet Neptune has 14 known moons. The largest moon, Triton, is visible using a large telescope. Triton is a captured dwarf planet from the Kuiper Belt. Moons are listed by size. See also Moons of Neptune for A-Z list and facts. Dwarf planet Pluto has 5 moons.



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Solar System Exploration



Learn about the planets in our solar system. The solar system has eight planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. There are five officially recognized dwarf planets in our solar system: Ceres, Pluto, ...

[The solar system--facts and information](#)

Moons and other matter More than 150 moons orbit worlds in our solar system. Known as natural satellites, they orbit planets, dwarf planets, asteroids, and other debris. Among



Nominal Capacity

280Ah

Nominal Energy

50kW/100kWh

IP Grade

IP54



The solar system: Facts about our cosmic neighborhood

The solar system is a collection of planets, moons, asteroids, comets, dust and gas that orbit our local star, the sun includes the rocky inner planets Mercury, Venus, Earth and

In Depth , Our Solar System - NASA Solar System Exploration

The giant planets Jupiter and Saturn lead our solar system's moon counts. In some ways, the swarms of moons around these worlds resemble mini versions of our solar system. Pluto, smaller than our own moon, has five moons in its orbit,



including the Charon



Solar system , Definition, Planets, Diagram, Videos, & Facts

4 ??? solar system, assemblage consisting of the Sun--an average star in the Milky Way Galaxy--and those bodies orbiting around it: 8 (formerly 9) planets with more than 210 known planetary satellites (moons); many asteroids, some with their own satellites; comets and other icy bodies; and vast reaches of highly tenuous gas and dust known as the interplanetary medium.

The Moons of the Solar System

The following tables contain all the known moons of the solar system, including the dozens of moons circling Jupiter, Saturn, Uranus, and Neptune. As of February 2024, the count stood at 298, distributed as follows: Earth 1, Mars 2, Jupiter 95, Saturn 146, Uranus 28, Neptune 16 -- and among the IAU-approved dwarf planets: Pluto 5, Haumea 2, Makemake 1, ...



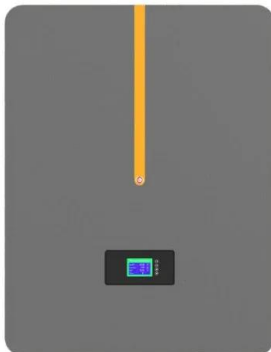
Moons

There are more than 194 moons of the various planets, dwarf planets in the solar system. The planets Mercury and Venus do not have any moons and neither does the dwarf planet Ceres. Find out the number of moons each planet has and their names below.



Planets in Order From the Sun , Pictures, Facts, and Planet Info

In addition to the planets, our solar system also includes dwarf planets, moons, asteroids, comets, and meteoroids. Our planetary system is the only official solar system in the Universe, but astronomers continue to find thousands of other stars with planets orbiting them in our galaxy.



Total Number of Moons in the Solar System with Facts

Below are the list and names of the moons for all planets in our solar system: Moons of Mercury: 0 Planet Mercury has no moon. This planet is very small and close to the sun, so it is almost impossible to hold any moon in its orbit.

Our Solar System

Our solar system is made up of a star--the Sun--eight planets, 146 moons, a bunch of comets, asteroids and space rocks, ice, and several dwarf planets, such as Pluto. The eight planets are Mercury, Venus, Earth, Mars, ...





Our Solar System

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Moons of the Solar System

moons orbiting planets in our solar system -- this number does not include the moons awaiting official recognition and naming, the eight moons of the dwarf planets, nor the tiny satellites that orbit some asteroids and other celestial objects. Of the terrestrial



In Depth , Our Solar System - NASA Solar System Exploration

Our solar system consists of our star, the Sun, and everything bound to it by gravity - the planets Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune; dwarf planets such as ...

Solar system

4 ???· Solar system - Planets, Moons, Orbits: The eight planets can be divided into two distinct categories on the basis of their densities (mass per unit volume). The four inner, or ...





Planetary Systems

Planetary Systems Our solar system consists of the Sun, whose gravity keeps everything from flying apart, eight planets, hundreds of moons, and billions of smaller bodies - from comets and asteroids to meteoroids and tiny bits of ice and rock. Similarly, exoplanetary systems are groups of non-stellar objects circling stars other than the Sun, and [...]



[Moons Of The Solar System \(Natural Satellites\)](#)

A total of 205 moons orbit around the 6 planetary systems; only the planets Mercury and Venus are not known to have any moons. At least 9 moons are known to orbit four dwarf planets. Also, astronomers discover additional moons orbiting minor planets, from time-to ...



[3D Solar System Viewer . TheSkyLive](#)

Visualize orbits, relative positions and movements of the Solar System objects in an interactive 3D Solar System viewer and simulator. We use cookies to deliver essential features and to measure their performance.

Solar System

Astronomers classify it as a G-type main-sequence star. The largest objects that orbit the Sun are the eight planets. In order from the Sun, they are four terrestrial planets (Mercury, Venus, Earth and Mars); two gas giants (Jupiter and Saturn); ...





[How Many Moons Does Each Planet Have?](#)

In our system, almost all major planets have moons. Many are naturally born from the leftover gas and dust from the planet's formation. Few others such as Saturn's Phoebe belonged to the Kuiper Belt and is believed to have been captured by the gas giant.



Solar system , Definition, Planets, Diagram, Videos, & Facts

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Not That Small: Ranking the 10 Largest Moons in Our Solar System ...

While Earth's moon has been our solitary, loyal companion, inspiring tales and scientific discoveries, it's easy to wonder how it measures up against the backdrop of our neighbors' satellites. Though not all planets in our solar system boast a moon's companionship, those that do reveal a fascinating array of these cosmic entities.

About the Planets

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. Beyond Neptune, a newer class of smaller worlds called dwarf planets reign, including longtime favorite Pluto. The other dwarf



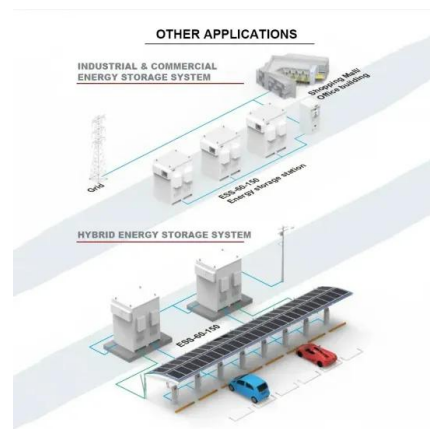


[List of Solar System objects by size](#)

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 ...

In Depth , Moons

There are hundreds of moons in our solar system - even asteroids have been found to have small companion moons. Of the terrestrial (rocky) planets of the inner solar system, neither Mercury nor Venus have any moons at all, Earth has one and Mars has its two small moons.

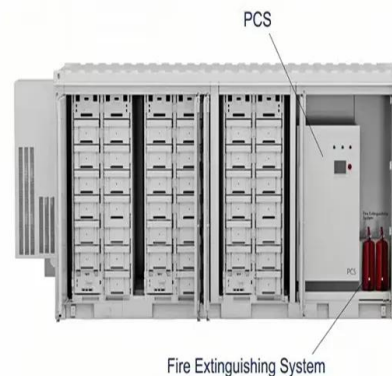


Moons in Our Solar System

Home » General » Moons in Our Solar System
October 17, 2019 October 8, 2019 There are 181 known moons in our Solar System which are orbiting planets and dwarf planets. Despite there being so many moons not every planet or dwarf planet has a moon. A

[Life in Our Solar System? Meet the Neighbors](#)

Our solar system's majestic giants - Jupiter, Saturn, Uranus, Neptune - and their trains of moons might almost be considered solar systems in their own right. Some of these moons could well be habitable worlds; one of ...





The Nine Planets of The Solar System , Eight Planets Without Pluto

The Nine Planets is an encyclopedic overview with facts and information about mythology and current scientific knowledge of the planets, moons, and other objects in our solar system and beyond. Eris Eris is the same size as Pluto, but three times further from the



The Planets In Order , From The Sun, Information, History

The planets of our Solar System are listed based on their distance from the Sun. There are, of course, the dwarf planets Ceres, and clouds of sulfuric acid. It doesn't have any moons, and the planet, like Uranus, spins backward - retrograde rotation. It is a

Nominal Capacity
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Names of all the Planets and Moons of Our Solar System

The names of all the planets dwarfs and moons of our solar system, including the discoveres and the meanings/derivations of the planet names. We use cookies. By browsing our site you agree to our use of cookies. OK, Got it Solar System Map - showing



Solar System Facts

Our solar system includes the Sun, eight planets, five officially named dwarf planets, and hundreds of moons, and thousands of asteroids and comets. Our solar system is located in the Milky Way, a barred spiral galaxy with two major ...





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