

Size of the planets in our solar system

Parts-per-million chart of the relative mass distribution of the Solar System, each cubelet denoting 2 × 10²⁴ 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 ...

This illustration shows the approximate sizes of the planets relative to each other. Outward from the Sun, the planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune, followed by the dwarf planet Pluto. Jupiter's diameter is about 11 times that of the Earth's and the Sun's diameter is about 10 times Jupiter's.

Each planet in our solar system possesses a distinct diameter, which is a measure of its size or width. For instance, Jupiter, the largest planet, boasts a diameter of approximately 86,881 miles (139,820 kilometers). Saturn follows closely behind with a diameter of around 72,367 miles (116,464 kilometers).

Size and Distance. With an equatorial diameter of 7926 miles (12,760 kilometers), Earth is the biggest of the terrestrial planets and the fifth largest planet in our solar system. From an average distance of 93 million miles (150 million kilometers), Earth is exactly one astronomical unit away from the Sun because one astronomical unit ...

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The planets in our solar system are each very unique for various reasons. When it comes to their measurable sizes in diameter, the planets vary greatly. Jupiter, for example, is approximately 11 times the diameter of the Earth. Mercury, on the other hand, is 2.6 times smaller in diameter than the Earth. Below you will [...]

There's also a handy list of the order of the planets moving away from our Sun. **Size Up the Planets.** ... Let's look at the mean temperature of the Sun, and the planets in our solar system. The mean temperature is the average temperature over the surface of the rocky planets: Mercury, Venus, Earth, and Mars. Dwarf planet Pluto also has a solid ...

Our solar system includes the Sun, eight planets, five dwarf planets, and hundreds of moons, asteroids, and comets. ... **Size and Distance.** ... The order and arrangement of the planets and other bodies in our solar system is due to the way the solar system formed. Nearest to the Sun, only rocky material could withstand the heat when the solar ...

This is a simple guide to the sizes of planets based on the equatorial diameter - or width - at the equator of each planet. Each planet's width is compared to Earth's equatorial diameter, which is about 7,926 miles

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(12,756 kilometers). At the bottom of the page, there is a handy list of the order of the planets moving away from our Sun.

Solar System Size and Distance. How big are the planets and how far away are they compared to each other? See how the sizes of planets and the distances between them compare. And find out why it's so hard to create a scale model of the solar system that accurately ...

Planets in our Solar system size comparison. Largest to smallest are pictured left to right, top to bottom: Jupiter, Saturn, Uranus, Neptune, Earth, Venus, Mars, Mercury. Via Wikimedia Commons. If you're interested in planets, the good news is there's plenty of variety to choose from in our own Solar System.

The solar system consists of the Sun; the eight official planets, at least three "dwarf planets", more than 130 satellites of the planets, a large number of small bodies (the comets and asteroids), and the interplanetary medium.

In addition to the planets, our solar system also includes dwarf planets, moons, asteroids, comets, and meteoroids. ... It is similar to Earth in size and mass and is known as Earth's sister or twin planet. Venus's rotation period of 243 Earth days is slower than any other planet and is one of two planets to rotate in the opposite direction ...

Earth is the third planet in our solar system. It is located at an average distance of 92.96 million miles (149.60 million km) from our star. Our beautiful planet is ideally placed inside the goldilock zone, making it the only ...

About 4.6 billion years ago, a giant cloud of dust and gas known as the solar nebula collapsed in on itself and began to form what would eventually become the solar system's sun and planets.

It takes about 305 Earth years for this dwarf planet to make one trip around the sun. Eris. Originally designated 2003 UB313 (and nicknamed for the television warrior Xena by its discovery team), it is one of the largest known dwarf planets in our solar system. It's about the same size as Pluto but is three times farther from the Sun.

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. ... Planet size comparison for our solar system, in order of increasing distance from the Sun ...

Discovered in 1930, Pluto was long considered our solar system's ninth planet. ... Charon, the biggest of Pluto's moons, is about half the size of Pluto itself, making it the largest satellite relative to the planet it orbits in our solar system. It orbits Pluto ...

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size if you use ordinary units like feet or miles. The distance from Earth to the Sun is 93 million miles (149 million kilometers), but the ... - The table below gives the distance from the Sun of the eight planets in our solar system. By setting up a simple proportion, convert the stated distances, which are given in millions of kilometers, ...

The planets of our Solar System vary considerably in size and shape. ... At 12,104 km (7521 mi) in diameter, it is almost the same size as Earth. But unlike Earth, Venus experiences no flattening ...

Earth is the largest terrestrial or inner planet. Our solar system comprises eight planets, which fall into two categories: the smaller, rocky inner planets (Mercury, Venus, Earth, and Mars) and the larger, gas giants (Jupiter, Saturn, Uranus, and Neptune). Another name for the gas giants is the Jovian planets, for their similarity to Jupiter.

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. ... Planets, asteroids, and comets orbit our Sun. They travel around our Sun in a flattened circle called an ellipse. It takes the Earth one year to go around the Sun. Mercury ...

Our scientists and far-ranging robots explore the wild frontiers of our solar system. ... in 2005, a team of astronomers announced that they had found a tenth planet-- it was a KBO similar in size to Pluto. People began to wonder what planethood really means. ... are the dwarf planets recognized by the IAU. There may be another 100 dwarf ...

Only 8 planets have been discovered in our solar system but there is compelling evidence for a 9th planet. ... Size and Order of the Planets. The planets size comparison: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.

The size of each planets in the solar system The Sun, the 8 official planets in our solar system (Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune) and the dwarf planet Pluto, are each entirely unique in their orbiting patterns, colouring, size, mass, and composition. ... Earth is the densest planet in our solar system, and our ...

Our scientists and far-ranging robots explore the wild frontiers of our solar system. NASA. Solar System Exploration Our Galactic Neighborhood. Skip Navigation. menu close modal Planet Compare More Destinations ... DWARF PLANETS Pluto; Ceres; Makemake; Haumea; Eris; HYPOTHETICAL Planet X; Moons. About Moons; BY DESTINATION Earth (1) Mars (2 ...

Our Solar System's Planets in Order. Our solar system revolves around the sun, hence the name solar system. In our system, we have 4 terrestrial planets, 4 gas giants, and a mysterious 9th planet. Let's go over them, but first, here's a ...



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How to Use the Planet Size Comparison Chart. Click on a planet or the Sun for details on composition, mass, gravity, and number of moons. You can also zoom in and out on the planets or the Sun using the plus and minus buttons. Change between km / mi in settings; Use the buttons at the top to sort the planets by their order from the Sun or by ...

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 ...

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