



# How many planets is the earth away from the sun

Venus is the second planet from the sun and the closest planet to Earth. Venus orbits the sun at an average distance of 0.722 AU, equating to 67-million miles on average. The orbit of Venus causes it to drift between 66 to 68-million miles from the sun. Earth is the third planet from the sun at an average distance of one AU. Scientists base ...

Facts about our Sun, including its distance from Earth, what the Sun is made of, and how long it would take to drive there (hint: a long time!). ... How far away is it? It depends on Earth's ...

The Moon is an average of 238,855 miles (384,400 kilometers) away. That means 30 Earth-sized planets could fit in between Earth and the Moon. The Moon is slowly moving away from Earth, getting about an inch farther away each year. ... rotating on its axis as it orbits the Sun - from our perspective, the Moon appears to orbit us every 29 days ...

You might think that the farthest planet from the Sun, or Earth, is Neptune since Neptune is 30 AU or 4.5 billion km / 2.8 billion mi away from us. However, it is actually Pluto who is the farthest planet from the Sun.. Pluto is, on average, 39.5 AU or 5.9 billion km / 3.7 billion mi away from the Sun. Earth is, on average, 1.00 AU or 150 million km / 93 million mi away from the Sun.

Sometimes the distances will be closer and other times they will be farther away. The reason for this is that the planets have elliptical orbits and none of them are perfect circles. As an example, ... 1 AU is the distance from the Sun to Earth, which is 149,600,000 km.

The planet Earth is 93 million miles away from the sun, and with a diameter of 7,926 miles, it is the fifth largest planet in the solar system. As far as we know, it is the only planet with life, and about 70 percent of its surface is covered in water. Earth revolves around the sun once every 365 days and rotates on its axis in 24 hours.

The planets in order from the sun are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and finally the dwarf planet Pluto.. Most people have at least heard about our solar system and the planets in it. Our solar system is usually gone over in elementary school, so you might just need a refresher course about the planets in order in 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, Jupiter, Saturn, Uranus, and Neptune. Mercury is closest to the Sun. Neptune is the farthest.

Astronomers refer to the average Earth-sun distance as an astronomical unit (AU), which is approximately 93 million miles (150 million kilometers), as defined by the International Astronomical ...



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At different times of the year, the Earth either moves closer or farther away from the Sun. At perihelion, the Earth's closest distance to the Sun, the distance between the Sun and the Earth is 91.4 million miles. The Earth is closest to the Sun in early January. At aphelion, when the Earth is furthest to the Sun, the distance between them is ...

Because the planet is so close to the Sun, day temperatures can reach highs of 800°F (430°C). ... (58 million kilometers), Mercury is 0.4 astronomical units away from the Sun. One astronomical unit (abbreviated as AU), is the distance from the Sun to Earth. ... Mercury is the second densest planet, after Earth. It has a large metallic core ...

Mars has a dense core at its center between 930 and 1,300 miles (1,500 to 2,100 kilometers) in radius. It's made of iron, nickel, and sulfur. Surrounding the core is a rocky mantle between 770 and 1,170 miles (1,240 to 1,880 kilometers) thick, and above that, a crust made of iron, magnesium, aluminum, calcium, and potassium.

For instance, Mercury is the closest planet to the sun. On average, it is about 36 million miles away. In light years, that number would be 0.000006123880620837039 light years away. It's much easier to say that it is about 3.3 light minutes away, meaning it would take about 3.3 minutes for light to travel between Mercury and the sun.

From an average distance of 886 million miles (1.4 billion kilometers), Saturn is 9.5 astronomical units away from the Sun. One astronomical unit (abbreviated as AU), is the distance from the Sun to Earth. From this distance, it takes sunlight 80 minutes to travel from the Sun to Saturn.

Because the sun is losing mass, its pull on Earth is weakening, leading our planet to drift away from our star by about 2.36 inches (6 centimeters) per year, DiGiorgio said. But we shouldn't throw ...

Planets and other objects in our Solar System. Credit: NASA. First the quick facts: Our Solar System has eight "official" planets which orbit the Sun. Here are the planets listed in order of their distance from the Sun: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.

If you mean what are the planets in between Sun and Earth Answer is Mercury and Venus. distance from Sun to Earth average 149.10 Million kilometers. ... How many planets away is Earth from the sun? Astronomy Our Solar System Components of the Solar System. 1 Answer chandramohanPanakkal Jan 13, 2016

All of the planets, comets, and asteroids in the solar system orbit the Sun. The average distance between the Earth and the Sun is 92,955,807 miles (149,597,870 km). Most people just round it up to 93 million miles. This distance is called an astronomical unit or AU and is used to measure and compare other [...]

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The planets in order from the Sun based on their distance are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. The planets of our Solar System are listed based on their distance from the Sun. There are, of course, the dwarf planets Ceres, Pluto, Haumea, Makemake, and Eris; however, they are in a different class.

The planets in order from the sun are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and finally the dwarf planet Pluto.. Most people have at least heard about our solar system and the planets in it. Our solar system is ...

It does not have the easily identifiable boundaries of rocky planets like Earth. Instead, the sun is composed of layers made up almost entirely of hydrogen and helium. These gases carry out different functions in each layer, and the sun's layers are measured by their percentage of the sun's total radius. ... Its orbit is between 24,000 and ...

How to Use the Planet Chart. Using the four buttons at the top, select either Distance from the Sun, Distance from the Earth, Size in the Sky, or Brightness to control how the planets are displayed.; Press the Play button at the bottom of the chart to make time move in fast forward mode. You can also move backward and forwards in time by sliding the hand cursor along the ...

At the farthest point in its orbit, the Moon is around 152 million km / 94.5 million mi, a little over 1 AU away from the Sun. At its closest point to the Sun, the Moon is 147.5 million km / 91.3 million mi away from the Sun, a little less than 1 AU. Can Earth Survive Without the Moon? The Moon has many interesting effects on Earth, and that ...

How Far Away Is The Sun? The Earth orbits the sun at an average distance of 93-million miles (150-million kilometres). That distance is an average because the actual amount of distance between the Earth and sun changes as the Earth orbits the sun. Every object that orbits another object will have an elliptical shaped orbit.

Earth at seasonal points in its orbit (not to scale) Earth orbit (yellow) compared to a circle (gray) Earth orbits the Sun at an average distance of 149.60 million km (92.96 million mi), or 8.317 light-minutes, [1] in a counterclockwise direction as viewed from above the Northern Hemisphere. One complete orbit takes 365.256 days (1 sidereal year), during which time Earth has traveled 940 ...

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 (abbreviated as AU), is ...

Earth is the fifth largest planet in the solar system. It has an equatorial diameter of about 7,926 miles (12,756 kilometers). Earth is the third planet from the Sun, orbiting at an average distance of 93 million miles (149.7 ...

One AU is the distance from the Sun to Earth's orbit, which is about 93 million miles (150 million



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kilometers). When measured in astronomical units, the 886,000,000-mile (1,400,000,000-kilometer) distance from the Sun to Saturn's orbit, is a ...

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