

# What is the closest planet to saturn

Which planet is closest to Saturn?

That depends on where Saturn is in its orbit, and the position of the other planets. But for the majority of its orbit, the closest planet to Saturn is Jupiter. When the two planets are lined up perfectly, so that it goes: Sun, Jupiter, Saturn, the two planets are separated by only 655 million km.

Which planet is closest to the Sun?

Mercury is the closest planet to the Sun, orbiting at an average distance of 36 million miles (58 million kilometers). Mercury is 57 million miles closer to the Sun than Earth. Pluto is the largest dwarf planet in our solar system, just slightly larger than Eris, at number two.

How far apart are Jupiter and Saturn?

When the two planets are lined up perfectly, so that it goes: Sun, Jupiter, Saturn, the two planets are separated by only 655 million km. Of course, when the planets are on opposite sides of the Sun (Jupiter - Sun - Saturn), they're separated by 2.21 billion km, and all of the inner planets are closer to Saturn than Jupiter.

Is Uranus closer to Saturn than Jupiter?

Of course, when the planets are on opposite sides of the Sun (Jupiter - Sun - Saturn), they're separated by 2.21 billion km, and all of the inner planets are closer to Saturn than Jupiter. In fact, Uranus sometimes gets closer to Saturn than Jupiter. At their closest, Uranus and Saturn can be 1.43 billion km apart.

How close is Uranus to Saturn?

In fact, Uranus sometimes gets closer to Saturn than Jupiter. At their closest, Uranus and Saturn can be 1.43 billion km apart. In case you were wondering, the closest planet to Jupiter is Mars, and the closest planet to Mars is Earth. Here's Hubblesite's News Releases about Saturn, and NASA's Solar System Exploration guide.

Which planets orbit the Sun?

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.

A planet is any of the large bodies that orbit the Sun, including Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune, in order of closeness to the Sun. Mercury. Mercury is the first of the four terrestrial planets. This means it is a planet made mostly of rock. The planets closest to the Sun--Venus, Earth, and Mars--are the ...

The closest planet to Saturn depends on where Saturn is in its orbit, and the position of the other planets. The planets in our solar system are constantly orbiting around our sun. Each planet has its own speed of rotation, some head around the sun very fast and some are quite slow. The distance between the planets is based on the

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position they ...

Venus is the second closest planet to the Sun after Mercury, with an average distance from the Sun of about 67 million miles (108 million kilometers). ... As we keep moving out into the solar system, we come to Saturn - the sixth planet from the Sun and the second largest planet in our solar system. Saturn orbits the Sun from an average ...

Saturn, second largest planet of the solar system in mass and size and the sixth nearest planet in distance to the Sun the night sky Saturn is easily visible to the unaided eye as a non-twinkling point of light. When viewed through even a small telescope, the planet encircled by its magnificent rings is arguably the most sublime object in the solar system.

The order of the planets in the solar system, starting nearest the sun and working outward is the following: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and then the possible...

As an example, the distance between the planet Mercury and Earth can range from 77 million km at the closest point, to as far as 222 million km at the farthest. There is a huge amount of different in the distances between the planets depending on their position on their orbit path.

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.

Saturn is the second-fastest spinner in the solar system after Jupiter. Its solar day is about ten and a half hours. A tropical year on Saturn is around 10,747 Earth days, or about 29 Earth years and 5 Earth months. How Many Moons Does Saturn Have? Saturn has around 150 known natural satellites, or moons. This is more than Jupiter, which has ...

At its closest approach to Earth, Saturn is 746-million miles (1.2-billion kilometres) away. At this distance, it would take you 622-days or 1.7-years to reach Saturn. Uranus and Neptune Neptune is the furthest planet from the Earth. Image credit: NASA/JPL. Beyond Jupiter and Saturn are the two outermost planets of our solar system, Uranus and ...

Amazing Mercury is closest to the Sun, Hot, hot Venus is the second one, Earth comes third: it's not too hot, Freezing Mars awaits an astronaut, Jupiter is bigger than all the rest, Sixth comes Saturn, it's rings look best, Uranus sideways ...

Introduction Like fellow gas giant Jupiter, Saturn is a massive ball made mostly of hydrogen and helium. Saturn is not the only planet to have rings, but none are as spectacular or as complex as Saturn's. Saturn also has dozens of moons. From the jets of water that spray from Saturn's moon Enceladus to the [...]

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It's also the closest planet to the sun, and because of that, it experiences extreme temperature changes. The side facing the sun can reach up to 800 degrees Fahrenheit while the side facing away from the sun can drop to -290 degrees Fahrenheit. ... Saturn is the sixth planet in our solar system. It is located at an average distance of 886 ...

The average distance between Sun and Saturn is 1,433.52 million km.; The closest distance of Saturn from the Sun is 1,352.55 million km.; And the farthest Saturn and Sun distance is 1,514.50 million km.; These distances between Saturn and Sun were in kilometer units.

Learn lots about the planets in order from the closest to the Sun, and many other planet facts in our dedicated guide. The Planets. Planets. Mercury; Venus; Earth; Mars; ... It extends more than 280,000 km (173, 983 mi) from the giant planet. What makes Saturn more interesting is that it has the most moons in the solar system. The 82 known ...

Mercury is the closest planet to the sun at an average distance of 35-million miles. The elliptical orbit causes Mercury to get as close to the sun as 29-million miles and as far as 43-million miles. ... Saturn averages at 9.58 AU (889-million miles) from the sun. Earth's orbit could fit inside Saturn's nearly ten times. As we get further from ...

The small planet has a diameter of 4.879 km / 3.032 mi. Venus. The second closest planet to the Sun. Venus is on average at a distance of 108 million km / 67 million mi or 0.72 AU away from the Sun. It is the hottest planet of the Solar system since its atmosphere keeps the temperatures almost consistently the same.

Colossal planet Saturn is the sixth planet from the sun. This planet is comprised mainly of hydrogen and helium, so it is known as one of the gas giants. Saturn is embellished with seven rings and possibly over around 80 moons (some of which have yet to be confirmed).

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.

The asteroid belt separates the inner planets and the outer planets. The Outer Planets. In order outward from the Sun, the outer planets are Jupiter, Saturn, Uranus, and Neptune. Jupiter - The largest planet, Jupiter's radius is a staggering 69,911 km (43,441 mi), and its diameter is about 139,822 km (86,881 mi). It is 11.21 times the size ...

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Planetary surface temperatures tend to get colder the farther a planet is from the Sun. Venus is the exception, as its proximity to the Sun, and its dense atmosphere make it our solar system's hottest planet. ... Saturn: Minus 220° F (-140°C) Uranus: Minus 320° F (-195°C) Neptune: Minus 330° F (-200°C) Dwarf Planet Pluto: Minus 375° F (-225°C)

Saturn - 9.54 AU. Uranus - 19.20 AU. Neptune - 30.06 AU. AU stands for astronomical units - it's the equivalent to the average distance from Earth to the sun (which is why Earth is 1 AU from the sun). It's a common way ...

So, Mercury is the closest planet to the Sun, Mars and Venus, Jupiter, Saturn, Uranus, and Neptune. The same logic applies here as it does when calculating Mercury's distance from the Earth. Whilst Mercury is never actually very close to any of these planets, because of its small orbit, it is also never very far away.

At its closest proximity to Earth, the hellish planet is only around 24 million miles (38 million kilometers) away from our planet, and no other planet gets closer to us.

In our Solar System, the 8 major planets located closest to the Sun are Mercury (the closest planet), then Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. Earth's moon is a natural satellite and the fifth largest moon in the Solar System overall.

The nearest planet to Earth is Venus, which orbits at a distance of 67 million miles and sometimes passes within 26 million miles of Earth. ... Earth, Mars, Jupiter, Saturn, Uranus and Neptune. Pluto, the dwarf planet, has an orbit that lies considerably outside that of Neptune most of the time. Conveniently for memorization purposes, the ...

Venus, the nearest planet to Earth, presents a vastly different environment. Comparisons between the two are scarce. Furthermore, strictly speaking, Venus is not always the closest planet. While its orbit is closest, planets are constantly in motion. As a result, Mercury or Mars can also claim the title of closest planet at different times.

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