

## 2 closest planet to the sun

Mercury is the closest planet to our sun, sitting roughly at 57.9 million km (36 million miles), and is approximately 77 million km (48 million miles) from Earth. Its nearness to the sun makes it very difficult to study because of the intense gravitational pull of the sun as you near Mercury.

Mercury is the closest planet to the Sun and is the smallest of the eight planets being only slightly larger than our moon. Mercury's surface temperatures vary in extremes reaching day temperatures as high as 800°F (430°C) and dipping as low as -290°F (-180°C), lacking the atmosphere to hold the heat at night.

2 days ago; It is the closest planet to the Sun, but it's actually not the hottest. Venus is hotter. Along with Venus, Earth, and Mars, Mercury is one of the rocky planets. It has a solid surface that is covered with craters. Instead of an atmosphere, Mercury possesses a thin exosphere made up of atoms blasted off the surface by the solar wind and ...

Terrestrial planets include the four closest planets to the Sun located between the Sun and the asteroid belt; Mercury, Venus, Earth, and Mars. Astronomers who use the geophysical definition of a planet would also include the Moon as a terrestrial planet. Terrestrial planets are planets with a solid surface, often made up of rock or metals.

Mercury is the smallest planet in the solar system, and it is also the planet closest to the Sun, making it the most difficult of the planets to see with the unaided eye. Because its rising or setting is always within about two hours of the Sun's, Mercury is never observable when the sky is fully dark.

Mercury is the first planet from the Sun and the smallest in the Solar System. In English, it is named after the ancient Roman god Mercurius, god of commerce and communication, and the messenger of the gods. Mercury is classified as a ...

Of the eight planets in the solar system, Mercury is the closest planet to the sun. It is also the smallest planet only slightly larger than our moon. Despite being the smallest planet with a mean diameter of 3,032 miles (4,879 km), Mercury is the second densest planet.

Study with Quizlet and memorize flashcards containing terms like \_\_\_\_\_ has a rotational axis that is tilted so much it lies nearly in the plane of its orbit., \_\_\_\_\_ is the planet with the highest average surface temperature., The planet that orbits closest to the Sun is \_\_\_\_\_. and more.

Mercury is the closest planet to the sun and the smallest planet in our solar system. With a diameter of about 3,032 miles (4,880 kilometers), Mercury is less than half the size of Earth, which is ...

The actual average distances are: Mercury 57.9, Venus 108.2 and Earth 149.6 million km from the Sun. Even

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though Mercury is closest to the Sun, the average temperature on it's surface is much less than that of Venus. This is because Mercury has virtually no atmosphere and so the side facing the sun reaches 430 deg C and the side facing away ...

The closest planet to the Sun is Mercury. That's why it's sometimes called the "innermost planet.". It orbits the Sun at an average distance of 36 million miles (58 million kilometers). There are no other planets that are closer to the Sun than Mercury. Mercury is the smallest planet in the solar system, and it is not very hospitable to ...

Which Planet Is Closest To The Sun? So, as most people will likely already know, Mercury is the closest planet to the sun. Being at a distance of only 36 million miles (57.9 million km), it is about half the distance as the next planet out. This planet is, of course, Venus. Venus orbits at around 67 million miles (108 million km) from the sun.

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 ...

Orbit around the Sun: Because Mercury is so close to the Sun, it has the smallest orbit of all the planets. Mercury's year (the time it takes to orbit the Sun one time) is 88 Earth days long. Rotation: Although Mercury goes around the Sun quickly, it spins very slowly on its axis -- about 59 Earth days for every rotation.

Mercury is the nearest planet to the Sun, and, in accordance with Kepler's third law, it has the shortest period of revolution about the Sun (88 of our days) and the highest average orbital speed (48 kilometers per second). It is appropriately named for the fleet-footed messenger god of the Romans. Because Mercury remains close to the Sun, it ...

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.

Mercury is the closest planet to the Sun and the smallest planet in the Solar System. It gets its name for the Roman god Mercury, who was the swift messenger of the gods. It's an apt name, since Mercury is also the fastest planet, orbiting the Sun in just 88 days. ... High Radiation Levels: Being the closest planet to the Sun, Mercury ...

The closest planet to Earth varies between Mercury and Venus, yet Venus has the closest approach to Earth at 24-million miles ... the sun, and other planets changes during the course of their orbit. For example, when Venus is at its furthest approach from Earth and Earth is at its maximum distance from Venus, the two planets will be located at ...

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The table below (first created by Universe Today founder Fraser Cain in 2008) shows all the planets and their distance to the Sun, as well as how close these planets get to Earth. Mercury Closest ...

Mercury is the smallest planet in the solar system, and it is also the planet closest to the Sun, making it the most difficult of the planets to see with the unaided eye. Because its ...

Mercury is the closest planet to the Sun, at a distance of 57.91 million kilometers / 35.98 miles or 0.4 AU away. It takes sunlight 3.2 minutes to travel from the Sun to Mercury. ...

Mercury, the closest planet to the Sun, is a fascinating celestial body that holds many secrets waiting to be uncovered. In terms of distance, Mercury is approximately 36 million miles away from the Sun, making it the first planet in our solar system. Its proximity to the Sun means that it experiences extreme temperatures, ranging from ...

It's due to Kepler's second law of planetary motion: a line connecting the sun and a planet sweeps out equal areas in equal times. For 2024, the Northern Hemisphere winter stretches - in UTC ...

Mercury is the closest planet to the Sun. Mercury's day (the length of time it takes to orbit the Sun) is 88 Earth days. Temperatures range from well below zero on the surface to nearly 800F on the sunlit side of the planet. There are deposits of ice at the poles of Mercury, in places where sunlight is never seen.

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