



# What the hottest planet in the solar system

Venus is the second closest planet to the Sun, and it's the hottest planet in the solar system. Venus orbits the Sun at a distance of 67-million miles (108-million kilometres). That is nearly twice as far as Mercury.

Venus is the second planet from the Sun, and the sixth largest planet. It's the hottest planet in our solar system. Venus is a cloud-swaddled planet named for a love goddess, and often called Earth's twin. But pull up a bit closer, and Venus turns hellish.

Although Venus is not the closest planet to the sun, it has the hottest surface temperature of any planet in the solar system, averaging at 842 degrees Fahrenheit (450 degrees Celsius). The average surface temperature on Venus is hot enough to melt lead, and it is hotter than the surface of Mercury. If distance to the sun alone determined the ...

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. The mean temperatures of planets in our solar system are: Mercury: 333°F (167°C) Venus: 867°F (464°C) Earth: 59°F (15°C)

What is the hottest planet in the solar system? We have eight planets in our solar system, each one circling the sun at a different distance. Earth is the third planet and we are in what is called the "Goldilocks Zone". That means we aren't too hot and we aren't too cold; we are just right.

4 days ago; Venus is the hottest planet in our solar system. Venus is a terrestrial planet. It is small and rocky. Venus has a thick atmosphere. It traps heat and makes Venus very hot. Venus has an active surface, including volcanoes! Venus spins the opposite direction of Earth and most other planets. Time on Venus. A day on Venus lasts 243 Earth days.

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 surface.

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