

# Mercury solar system





## Overview

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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 (Mercury), god of commerce and communication, and the messenger of the gods. Mercury is classified as a terrestrial planet, with roughly the same surface gravity as Mars.

The ancients knew Mercury by different names depending on whether it was an evening star or a morning star. By about 350 BC, the .

Mercury is one of four in the , which means it is a rocky body like Earth. It is the smallest planet in the Solar System.

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Mercury has the most orbit of all the planets in the Solar System; its eccentricity is 0.21 with its distance from the Sun ranging from.

Mercury's is calculated to vary between  $-2.48$  (brighter than ) around and  $+7.25$  (below the limit of naked-eye visibility) around . The mean apparent magnitude is 0.23 while the standard deviation of.

Ancient astronomersThe earliest known recorded observations of Mercury are from the tablets. These observations were most likely made by an .

• . NASA. 1978. SP-423. • and from the USGS/IAU Gazetteer of Planetary Nomenclature • May 20, 2016, at the by Applied Coherent.



## Mercury solar system

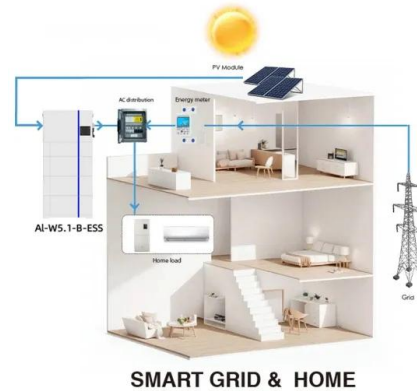


### All About Mercury , NASA Space Place - NASA Science for Kids

Mercury is the smallest planet in our solar system. It's just a little bigger than Earth's Moon. Mercury itself, though, doesn't have any moons. It is the closest planet to the ...

### The solar system--facts and information

Our solar system is made up of the sun and all the amazing objects that travel around it. Learn more about the planets, asteroids, and comets in our solar system. Skip to content



### Solar System Scope

Online 3D simulation of the Solar System and night sky in real-time - the Sun, planets, dwarf planets, comets, stars and constellations Contact us: [contact@solarsystemscope](mailto:contact@solarsystemscope) Facebook Newsletter Embed Account ...



### Mercury , Solar System Exploration 2 Wiki , Fandom

Mercury is the first planet from the Sun. It is roughly between the size of the Moon and Mars. Mercury can be hazardous to unprepared players, as it cannot be terraformed and access to water is limited to the poles. With a very large



iron core, Mercury is, in theory, a good place to mine. On this planet, excavation with explosive charges reveals two types of rock: the Mercury ...



### What Is the Solar System?

The solar system is located in one of the spiral arms of the Milky Way galaxy. It was born about 4.5 billion years ago when a cloud of interstellar gas and dust collapsed. Most of the material was pulled toward a central point: nearly all of the solar system's mass--99.8%--is in the Sun .



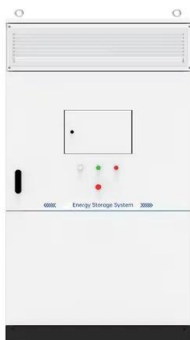
### Mercury 101

The planet Mercury is named after the messenger of the Roman gods because of its fleeting nature across the sky. Find out the reason behind its incredible speed, if it is indeed the hottest planet in the Solar System, and why the smallest planet in ...



### Planets in Order From the Sun , Pictures, Facts, and Planet Info

Unlike other planets in our solar system, Mercury does not have any moons or rings. Mercury has a very thin atmosphere composed mostly of oxygen, sodium, hydrogen, helium, and potassium. Mercury's surface is heavily cratered. The craters were formed by





### 10 Need-to-Know Things About Mercury

Mercury is the fastest planet in our solar system - traveling through space at nearly 29 miles (47 kilometers) per second. The closer a planet is to the Sun, the faster it travels. Since Mercury is ...



### **Solar system planets, order and formation -- a guide**

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 solar system: Facts about our cosmic neighborhood**

The solar system is a collection of planets, moons, asteroids, comets, dust and gas that orbit our local star, the sun includes the rocky inner planets Mercury, Venus, Earth and



### **Mercury Resources**

Learn more about Mercury, the smallest planet in the solar system (only slightly larger than Earth's Moon!). Explore NASA's MESSENGER spacecraft mapped the topography of Mercury's northern hemisphere in great detail, as seen in this ...





### All About Mercury, The Smallest Planet In The Solar System

Mercury is the smallest planet in the Solar System in both mass and diameter. It's 18 times less massive than the Earth, and its diameter barely reaches two-fifths of the Earth's size. To give you a better understanding of Mercury's size, let's ...



### Mercury: The Solar System's smallest planet may ...

Mercury is a planet of extremes. With a total volume little more than the Moon, it is the smallest planet in the Solar System and is situated the closest to the Sun. Mercury has no atmosphere to

### Spacepedia

Mercury is the innermost and smallest planet of the Solar System. Because it has almost no atmosphere to retain heat, Mercury's surface experiences the greatest temperature variation of all the planets. Observation Mercury appears as a morning or evening

- LIQUID/AIR COOLING
- INTELLIGENT INTEGRATION
- PROTECTION IP54/IP55
- BATTERY /6000 CYCLES



### All About Mercury , NASA Space Place - NASA Science for Kids

Mercury is the smallest planet in our solar system. It's just a little bigger than Earth's Moon. Mercury itself, though, doesn't have any moons. 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: Solar System's Smallest Planet

Orbit and Rotation Mercury completes an orbit around the Sun every 88 Earth days, making it the fastest planet in the solar system. Its rotation on its axis takes 58.7 Earth days, resulting in a day-night cycle longer than its year. Mercury's distance from the Sun



### ESA

But Mercury's axis has the smallest tilt of any in the Solar System at just 0.01 degrees, so these kinds of seasons don't exist. Instead, Mercury has so-called 'thermal seasons', dictated by the distance of the planet from the Sun.

### In Depth , Our Solar System - NASA Solar System Exploration

Introduction The planetary system we call home is located in an outer spiral arm of the Milky Way galaxy. 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



### Mercury, world of extremes , The Planetary Society

Mercury is the smallest planet in the Solar System and the closest one to the Sun. It's also a little-explored world, full of mystery, with a surface split into extremes and an interior that puzzles ...



## Solar System Exploration

Learn about the planets in our solar system. The solar system has eight planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. There are five officially recognized dwarf planets in our solar system: Ceres, Pluto, Haumea, Makemake, and Eris.



## Mercury By the Numbers - NASA Solar System Exploration

Mercury is the closest planet to the Sun, and the smallest planet in our solar system - only slightly larger than Earth's Moon. This site is maintained by the Planetary Science Communications team at NASA's Jet Propulsion Laboratory for ...

## Solar System Tour

Smallest of the inner terrestrial planets, Mercury has been geologically inactive for billions of years and its surface is peppered with craters of all sizes, including the Caloris Basin, one of the ...



## Solar System Facts , Information, Size, History and Definition

The inner solar system contains the Sun, Mercury, Venus, Earth and Mars: The main asteroid belt (not shown) lies between the orbits of Mars and Jupiter. The planets of the outer solar system are Jupiter, Saturn, Uranus, and Neptune (Pluto is now classified as a dwarf planet):



## Solar System Tour

Solar System Tour > Mercury Mercury The closest planet to the Sun, Mercury orbits in only 88 Earth days. However, its rotation is so slow that a "day" on Mercury lasts twice as long as its year. Global view of Mercury, as seen by MESSENGER Credit: (NASA)



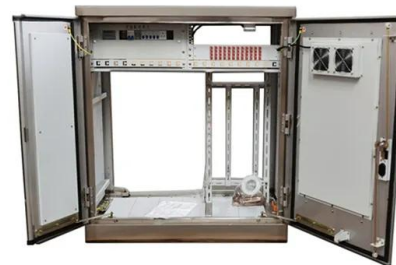
### [Mercury 101 , National Geographic](#)

The planet Mercury is named after the messenger of the Roman gods because of its fleeting nature across the sky. Find out the reason behind its incredible sp The planet Mercury is named after



## The Solar System

The Solar System is the assembly formed by the Sun, eight planets (Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus & Neptune), their moons and other minor planets. Mercury Mercury is named for the Greco-Roman messenger of the gods. He was very



## Mercury

Mercury is the smallest planet in our solar system and the nearest to the Sun. Mercury is only slightly larger than Earth's Moon. Its surface is covered in tens of thousands of impact craters. Despite its proximity to the Sun, Mercury is not

...



### Mercury (planet)

Mercury is the first planet from the Sun and the smallest in the Solar System 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 terrestrial planet, with roughly the same surface gravity as Mars..



### Meet Mercury

Introduction to Mercury Despite all the descriptions of what it's not, Mercury does hold several titles. This closest planet to the Sun is small but swift, with the fastest orbit in the solar system spite what you may think, Mercury is visible to the naked eye and was

### What Is the Planet Mercury? (Grades 5-8)

Mercury is the smallest of the eight planets in our solar system. It is only a little bigger than Earth's moon. It would take more than 18 Mercurys to be as big as Earth. If you could weigh Mercury and the moon, Mercury would weigh much more. Mercury has a



### Planets of our Solar System

So, even though Mercury is closer to the Sun, Venus is the hottest planet in the solar system. Mars has a hard, rocky surface with lots of iron in the soil which rusts, making the surface and





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