

# Our solar system wiki







## Our solar system wiki

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### Planet

The eight planets of the Solar System with size to scale (up to down, left to right): Saturn, Jupiter, Uranus, Neptune (outer planets), Earth, Venus, Mars, and Mercury (inner planets) A planet is a large, rounded astronomical body that is generally required to be in orbit around a star, stellar remnant, or brown dwarf, and is not one itself. [1]

### [Solar System , All dimensions Wiki , Fandom](#)

A solar system, or star system, consists of one or more stars and planets orbiting a common barycentre. All objects included in a solar system are all held together with gravity, and the main source of gravity is the star. Technically, the term refers to the star around which Earth orbits (the Sun, which is called Sol), but either "solar system" or the more general term "star system" can ...



### Terrestrial planet

A terrestrial planet, telluric planet, or rocky planet, is a planet that is composed primarily of silicate, rocks or metals. Within the Solar System, the terrestrial planets accepted by the IAU are the inner planets closest to the Sun: Mercury, ...

### Solar System Facts

Our solar system includes the Sun, eight planets, five officially named dwarf planets, and hundreds of moons, and thousands of asteroids and



comets. Our solar system is located in the Milky Way, a barred spiral galaxy with two major ...



[List of potentially habitable exoplanets](#)

The following list includes some of the potentially habitable exoplanets discovered so far. It is mostly based on estimates of habitability by the Habitable Worlds Catalog (HWC), and data from the NASA Exoplanet Archive. The HWC is maintained by the Planetary Habitability Laboratory at the University of Puerto Rico at Arecibo. [1]



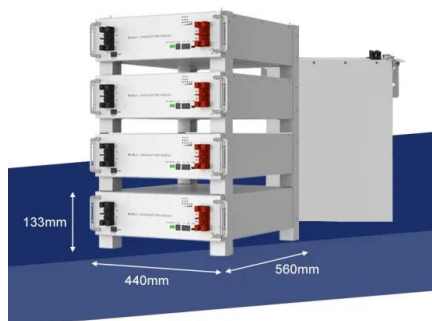
**List of nearest stars**

Based on results from the Gaia telescope's second data release from April 2018, an estimated 694 stars will approach the Solar System to less than 5 parsecs in the next 15 million years. Of these, 26 have a good probability to come within 1.0 parsec (3.3 light-years) and another 7 within 0.5 parsecs (1.6 light-years). [ 3 ]



[List of natural satellites](#)

Of the Solar System's eight planets and its nine most likely dwarf planets, six planets and seven dwarf planets are known to be orbited by at least 300 natural satellites, or moons. At least 19 of them are large enough to be gravitationally rounded; of these, all are covered by a crust of ice except for Earth's Moon and Jupiter's Io. [1]





### 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, ...



### [List of Solar System extremes](#)

Entries listed in bold are Solar System-wide extremes. By feature Record Data Feature Ref. Largest canyon 4000 km long, 200 km wide Valles Marineris, Mars [1] Tallest mountain 22 km (13.6 mi) Rheasilvia central peak, Vesta [2] [3] Tallest volcano 25 km (15.5 mi) Olympus Mons, Mars [4]

### Solar System , NASA Space Place - NASA Science for Kids

3 ???· The hottest planet in our solar system explore All About the Planets Learn more about the planets in our solar system explore All About Mercury The smallest planet in our solar explore Make a Comet on a Stick! A comet close to do How Long Is One Day on



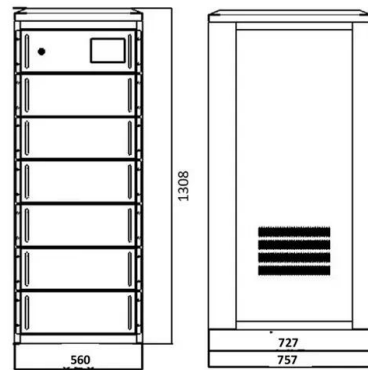
### Our Solar System

Our Solar System is an album by the rock group Half Japanese, released in 1984 by Iridescence. It was reissued by Drag City in 2000. Critical reception The album received mixed to fair reviews. The Spin Alternative Record Guide wrote that "the playing is often



## The Solar System Wiki

The Sun is the star at the center of the Solar System. It is a massive, nearly perfect sphere of hot plasma, heated to incandescence by nuclear fusion reactions in its core, radiating the energy ...



## Habitable zone

A diagram depicting the habitable zone boundaries around stars, and how the boundaries are affected by star type. This plot includes Solar System planets (Venus, Earth, and Mars) as well as especially significant exoplanets such as TRAPPIST-1d, Kepler-186f, and our nearest neighbor Proxima Centauri b.

## [ColinMapping Solar System Wiki](#)

This wiki is about ColinMapping's Planetballs series. Rules It is forbidden to vandalize and spam this wiki. If you break this rule, you will be blocked for 1 year. If the vandalism/spamming is severe, you will be blocked forever. It is forbidden to harass other users. If so



## The Solar System

Neptune is the last of the official planets in our solar system and named for the ancient Greco-Roman god of the sea. Methane in Neptune's atmosphere gives it its deep, dark blue color. Neptune has a blue Great Dark Spot similar to Jupiter's Great Red Spot.



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### Discovery and exploration of the Solar System

True-scale Solar System poster made by Emanuel Bowen in 1747. At that time, Uranus, Neptune, nor the asteroid belts had been discovered yet. Discovery and exploration of the Solar System is observation, visitation, and increase in knowledge and understanding of Earth's "cosmic neighborhood". [1]

### Solar System belts

The Solar System belts were formed in the formation and evolution of the Solar System.[6] [7] The Grand tack hypothesis is a model of the unique placement of the giant planets and the Solar System belts.[3] [4] [8] Most giant planets found outside our Solar System, exoplanets, are inside the snow line, and are called Hot Jupiters.



### Sun

The Sun is a G-type main-sequence star that makes up about 99.86% of the mass of the Solar System. [25] It has an absolute magnitude of +4.83, estimated to be brighter than about 85% of the stars in the Milky Way, most of which are red dwarfs.[26] [27] It is more massive than 95% of the stars within 7 pc (23 ly). [28]



Outline of the Solar System

Solar System - gravitationally bound system comprising the Sun and the objects that orbit it, either directly or indirectly. Of those objects that orbit the Sun directly, the largest eight are the planets (including Earth), with the remainder being significantly smaller objects, such as dwarf planets and small Solar System bodies.

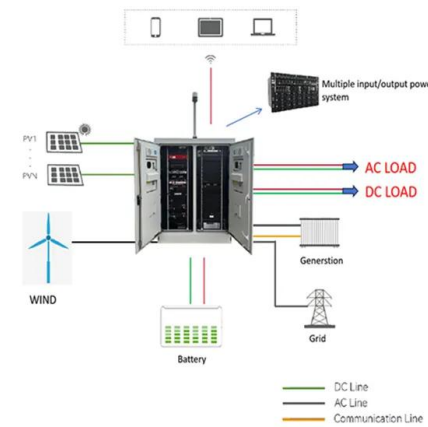


**Solar System Exploration**

The solar system has one star, eight planets, five dwarf planets, at least 290 moons, more than 1.3 million asteroids, and about 3,900 comets. We mean waaaay out there in our solar system - where the forecast might not be quite what you think. Let's look at the

**Our Solar System**

Since the invention of the telescope, three more planets have been discovered in our solar system: Uranus (1781), Neptune (1846) and Pluto (1930). Pluto was reclassified as a dwarf planet in 2006. In addition, our solar system is populated by thousands of small



List of Planets , The Solar System Wiki

This page may also not be needed as it is not about the solar system. It may or may not be considered for deletion. Planets [ ] Name of Planet Distance from Sun Equatorial Diameter (km) Location Mercury 57.2 million km 4,879 Inner Solar System Venus 108.1



[Crater , Our Solar System Wiki , Fandom](#)

A crater is a large, bowl-shaped cavity in the ground or on the surface of a planet or the moon, typically one caused by an explosion or the impact of a meteorite or other celestial body. All of the bodies in the Solar System have been bombarded throughout time, including Earth. When passing through Earth's atmosphere, a fast-moving meteoroid compresses the air in front of it, ...



[Sun , Our Solar System Wiki , Fandom](#)

Everything in the Solar System orbits Sun, either directly, as with the planets and dwarf planets or indirectly, as with the natural satellites. Sun (Latin: Sol) is a yellow dwarf star. Our Solar System Wiki



**Solar System**

Solar System is a planetary system consisting of: the Sun, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and lastly Neptune. There are also a few dwarf planets like Ceres, Pluto, Haumea, Makemake, Eris, and Sedna. All of these celestial objects are gravitationally bounded by the Sun's massive gravity. There are two belts of minor objects in the Solar System, the Asteroid ...



[Formation and evolution of the Solar System](#)

The nebular hypothesis says that the Solar System formed from the gravitational collapse of a fragment of a giant molecular cloud, [9] most likely at the edge of a Wolf-Rayet bubble. [10] The cloud was about 20 parsecs (65 light years) across, [9] while the fragments were roughly 1 parsec (three and a quarter light-years) across. [11]





## Our Solar System Wiki

Welcome to Solar System Wiki! Solar System Wiki is the Wikia site includes full color photographs, and other multimedia tour of our Solar System. All articles, the entries from A to Z guide from a book encyclopedia in "The Solar System: An A-Z Guide" book. The



## Natural satellite , Our Solar System Wiki , Fandom

Template:Redirect Template:Refimprove A natural satellite, or moon, is a celestial body that orbits another body, e.g. a planet, which is called its primary. There are 173 known natural satellites orbiting planets in the Solar System, as well as at least eight orbiting IAU-listed dwarf planets. Template:As of, over 200 minor-planet moons have been discovered. There are 76 known ...

## [Mercury , Our Solar System Wiki , Fandom](#)

Mercury is the smallest and innermost planet in the Solar System. Its orbital period around the Sun of 88 days is the shortest of all the planets in the Solar System. It is named after the Roman deity Mercury, the messenger of the gods. And it has 0 moons



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