

Planet description

We observe our planet's oceans, land, ice, and atmosphere, and measure how a change in one drives change in others. We develop new ways to observe and study Earth's interconnected systems and we build long-term data records of how our planet evolves. The agency freely shares this unique knowledge and works with institutions around the world.

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] The Solar System has eight planets by the ...

Jupiter is the largest planet in our solar system. If Jupiter was a hollow shell, 1,000 Earths could fit inside. Jupiter also is the oldest planet, forming from the dust and gases left over from the Sun's formation 4.5 billion years ago. But it has the shortest day in the solar system, taking only 10.5 hours to spin around once on its axis.

Venus is the second planet from the Sun is a terrestrial planet and is the closest in mass and size to its orbital neighbour Earth. Venus has by far the densest atmosphere of the terrestrial planets, composed mostly of carbon dioxide with a thick, global sulfuric acid cloud cover. At the surface it has a mean temperature of 737 K (464 °C; 867 °F) and a pressure of 92 times that of ...

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.

Scientists spent a lot of time arguing over what a planet actually is. In 2006, they came up with a definition. They said a planet must do three things. The first thing might seem obvious--it has to orbit around the sun. Second, it must be big enough to have enough gravity to force it into a spherical shape .

A planet is an object that: Revolves around the sun. Has almost a spherical shape. Has sufficient gravity so that the space near its orbit can be free from other objects like rocks, asteroids, comets, etc. Pluto does not satisfy the last criterion as a comet-like object clutters its orbit. Hence, it is now called a dwarf planet. Read More ...

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Earth is the third planet from the Sun and the only astronomical object known to harbor life. This is enabled by Earth being an ocean world, the only one in the Solar System sustaining liquid surface water. Almost all of

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Earth's water is contained in its global ocean, covering 70.8% of Earth's crust. The remaining 29.2% of Earth's crust is land, most of which is located in the form of ...

It takes Pluto, the most famous dwarf planet, 248 years to make one trip around the Sun. Moons orbit planets. Right now, Jupiter has the most named moons--50. Mercury and Venus don't have any moons. Earth has one. It is the brightest object in our night sky. The Sun, of course, is the brightest object in our daytime sky.

5 days ago#0183; Solar system, assemblage consisting of the Sun and those bodies orbiting it: 8 planets with about 210 known planetary satellites; many asteroids, some with their own ...

Novel species of microfungi described in the present study include the following from South Africa: *Cercospora dolichandrae* from *Dolichandra unguisati*, *Seiridium podocarpi* from *Podocarpus latifolius*, *Pseudocercospora parapseudarthriae* from *Pseudarthria hookeri*, *Neodevriesia coryneliae* from *Coryn ...*

The blue planet Neptune is the farthest one from the sun and, like Uranus, is a very cold place. Its surface temperature is a chilly -353 F (-214 C). Because of its distance from the sun and its large orbit, one year on Neptune is 165 Earth years. The atmosphere is mostly methane, which gives the planet its blue color.

Mercury, the innermost planet of the solar system and the eighth in size and mass. Its closeness to the Sun and its smallness make it the most elusive of the planets visible to the unaided eye. Because its rising or setting is always within about two hours of the Sun's, it is never observable when the sky is fully dark.

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Defining the term planet is important, because such definitions reflect our understanding of the origins, architecture, and evolution of our solar system. Over historical time, objects categorized as planets have changed. The ancient Greeks counted the Earth's Moon and Sun as planets along with Mercury, Venus, Mars, Jupiter, and Saturn.

4 days ago#0183; Our solar system is home to eight amazing planets. Some are small and rocky; others are big and gassy. Some are so hot that metals would melt on the surface. Others are ...

Planet description generator. This planet description generator will generate a fairly random description of various types of planets. Some parts of the description will be the same, but the important details will be randomized. The planet names are all placeholder names for your own name or a name from the planet name generator on this site.

A planet is a large object that orbits a star. To be a planet, an object must be massive enough for gravity to have squeezed it into a spherical, or round, shape, must also be large enough for gravity to have swept up any

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rocky or icy objects from its path, or orbit, around the star. Scientists believe planets begin to form when a dense cloud of dust and gas, called a ...

The names for the planets of the Solar System (other than Earth) in the English language are derived from naming practices developed consecutively by the Babylonians, Greeks, and Romans of antiquity.

Mars is the fourth planet from the Sun. The surface of Mars is orange-red because it is covered in iron(III) oxide dust, giving it the nickname "the Red Planet". [22] [23] Mars is among the brightest objects in Earth's sky, and its high-contrast albedo features have made it a common subject for telescope viewing. It is classified as a terrestrial planet and is the second smallest of the Solar ...

A planet is a celestial body that (a) is in orbit around the Sun, (b) has sufficient mass for its self-gravity to overcome rigid body forces so that it assumes a hydrostatic equilibrium (nearly ...

2 days ago; Venus has been called Earth's twin because of the similarities in their masses, sizes, and densities and their similar relative locations in the solar system. Because they presumably formed in the solar nebula from the same kind of rocky planetary building blocks, they also likely have similar overall chemical compositions. Early telescopic observations of the planet ...

A planet is an astronomical body that moves around a star. A planet is an astronomical body moving in an elliptical orbit around a star. Players will start on a random planet in a star system near the edge of the Euclid galaxy. When players land on another planet, the planet's basic information (weather conditions, flora & fauna frequency and Sentinel activity) will be revealed ...

Saturn is the sixth planet from the Sun and the second largest planet in our solar system. Adorned with a dazzling system of icy rings, Saturn is unique among the planets. Saturn is a massive ball made mostly of hydrogen and helium. The farthest planet from Earth discovered by the unaided human eye, Saturn has been known since ancient times.

large natural objects that orbit, or travel around, stars. Eight planets orbit the star called the Sun. In order from the closest to the Sun, these planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. The solar system is the collection of the Sun and the objects that orbit around it, including the eight planets. Planets differ from other objects such as comets ...

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A more modern definition can be found in the Merriam-Webster dictionary which defines a planet as "any of the large bodies that revolve around the Sun in the solar system." In 2006, the

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International Astronomical Union (IAU) - a group of astronomers that names objects in our solar system - agreed on their own definition of the word "planet";

Mass is the prime attribute by which planets are distinguished from stars. No objects between the masses of the Sun and Jupiter exist in the Solar System, but there are exoplanets of this size. The lower stellar mass limit is estimated to be around 75 to 80 times that of Jupiter (MJ).

The New Definition of Planet. Here is the text of the IAU's Resolution B5: Definition of a Planet in the Solar System: Contemporary observations are changing our understanding of planetary systems, and it is important that our nomenclature for objects reflect our current understanding. This applies, in particular, to the designation "planets";.

Fifth planet from the Sun and the largest planet among all the planets in the Solar System. One of the brightest things that can be seen in the sky with the naked eye. A giant ball of gases with one-thousandth mass of the sun and it lacks a well-defined surface and due to the rapid rotation of the planet it's present in the oblate sphere shape.

Novel species of fungi described in this study include those from various countries as follows: Argentina, *Neocamarosporium halophilum* in leaf spots of *Atriplex undulata* stralia, *Aschersonia meriania* on scale insect (Coccoidea), *Curvularia huamulaniae* isolated from air, *Hevansia mainiae* on dead spider, *Ophiocordyceps poecilometigena* on *Poecilometis* sp. Bolivia, ...

Novel species of fungi described in this study include those from various countries as follows: Australia, *Baobabopsis sabindy* in leaves of *Eragrostis spartinoides*, *Cortinarius magentiguttatus* among deep leaf litter, *Laurobasidium azarandamiae* from uredinium of *Puccinia alyxiae* on *Alyxia buxifolia*, *Marasmius pseudoelegans* on well-rotted twigs and litter in mixed wet sclerophyll ...

219 votes, 39 comments. true. They are mainly aesthetic, but they are cool to look around. One thing they are useful for is that they only have 1 Fauna on that planet, they're really unusual and sometimes quite hard to find, but if you haven't made much progress with the "Find all species on a planet"; Milestones, they make this easier to work through.

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