

Classification of solar systems





Overview

Closest to the Sun in order of increasing distance are the four terrestrial planets – Mercury, Venus, Earth and Mars. Only the Earth and Mars orbit within the Sun's habitable zone, where liquid water can exist on the surface.

The Solar System consists of the Sun and the objects that it. The name comes from Sōl, the Latin name for the . It when a dense region of a collapsed, creating.

PastThe Solar System formed at least 4.568 billion years ago from the gravitational collapse of a region within a large . This initial cloud was likely several light-years across and probably birthed.

The Sun is the Solar System's star and by far its most massive component. Its large mass (332,900), which comprises 99.86% of.

The outer region of the Solar System is home to the and their large moons. The and many orbit.

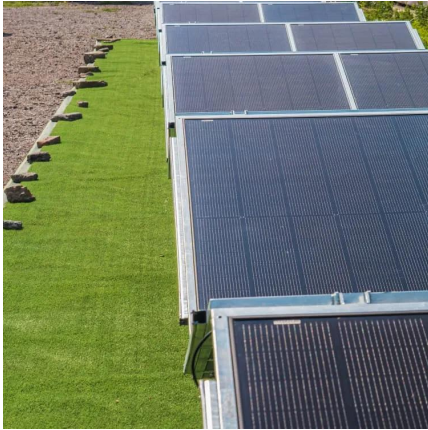
The Solar System includes the Sun and all objects that are bound to it by gravity and orbit it.The describes the Solar.

Astronomers sometimes divide the Solar System structure into separate regions. The includes Mercury, Venus, Earth, Mars, and the bodies in the . The includes Jupiter, Saturn, Uranus, Neptune, and the bodies in the .

The inner Solar System is the region comprising the terrestrial planets and the . Composed mainly of and metals, the.



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An Objective Classification Scheme for Solar-System Bodies ...

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in craters, frozen oceans, swirling ...

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classification, primary planets, dwarf planets, comparison

Also known as "Terra" the Earth is the only planet within our solar system that is capable of sustaining advanced life forms, such as humans. The Earth's rotation around the sun is ...

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Members of the Solar System

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