



Overview  
Formation and evolution  
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Sun  
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Miscellaneous populations



Mercury is the fastest planet, which speeds around the sun at 47.87 km/s. In miles per hour this equates to a whopping 107,082 miles per hour. 2. Venus is the second fastest planet with an orbital speed of 35.02 km/s, or 78,337 miles per hour. 3. Earth, our home planet of Earth speeds around the sun at a rate of 29.78 km/s. This means that we



As an example, the distance between the planet Mercury and Earth can range from 77 million km at the closest point, to as far as 222 million km at the farthest. There is a huge amount of different in the distances between the planets depending on their position on their orbit path.

# MERCURY VENUS MARS JUPITER SATURN



Mercury: 333°F (167°C) Venus: 867°F (464°C)  
Earth: 59°F (15°C) Mars: Minus 85°F (-65°C)  
Jupiter: Minus 166°F (-110°C) Saturn: Minus 220°F  
(-140°C) Uranus: Minus 320°F (-195°C) Neptune:  
Minus 330°F (-200°C) Dwarf Planet Pluto: Minus  
375°F (-225°C) (Jupiter, Saturn, Uranus, and  
Neptune) are taken from a level in the



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 Neptune; dwarf planets such  
as Pluto; dozens of moons; and millions of  
asteroids, comets, and meteoroids.



This rare alignment includes the five planets easily  
spotted with the naked eye: Mercury, Venus, Mars,  
Jupiter, and Saturn. Each is bright enough to be  
seen even in light-polluted city skies, with

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Geophysical classification of planets. Johns Hopkins APL/Mike Yakovlev. Categories of Planets. All planets and dwarf planets recognized by the IAU will be included and separated into three categories of planets; Terrestrial, Giant, and Dwarf planets. Terrestrial Planets: Mercury, Venus, Earth, and Mars Giant Planets: Jupiter, Saturn, Uranus, Neptune Dwarf Planets: Ceres, Pluto, ???



Six of the planets of the Solar System are about to line up for a rare sight in Earth's sky. In the wee small hours of 3 and 4 June 2024, Mercury, Mars, Jupiter, Saturn, Neptune, and Uranus will appear in a straight line in an alignment known as a planet parade. Only Venus will be absent ??? even Earth's waning crescent moon is going to put in an appearance.



They are the Moon, Mercury, Venus, Sun, Mars, Jupiter, and Saturn. Sometimes, the Sun and Moon were referred to as "the lights" or the "luminaries". Next is Venus, who takes about 260 days to revolve around the Sun. Following that is the Sun, then Mars, Jupiter and Saturn. Conceptual framework for classical astrology.

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Mercury Venus Mars Jupiter Saturn Throughout November, slowly but surely, Venus is becoming increasingly prominent in the western evening sky. It will become a dominant object calling attention to



The distance among each of the eight planets in our Solar System will alter depending on where each planet is in its orbit revolution around the Sun. Depending on the time of year the distance can also differ significantly.



Mars has a very low gravitational pull of only 3.71 m/s<sup>2</sup>. If you weigh 100 lbs on Earth you would only come in around 38 lbs on the red planet. 8. At 3.7 m/s<sup>2</sup>, Mercury's gravitational pull almost exactly the same as that of Mars. Someone weighing ???



# MERCURY VENUS MARS JUPITER SATURN



The planets in order from the Sun based on their distance are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. The planets of our Solar System are listed based on their distance from the Sun. There ???



The eight planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. Mercury is closest to the Sun. Neptune is the farthest. Planets, asteroids, and comets orbit our Sun. They travel around our Sun in a flattened circle called an ellipse. It takes the Earth one year to go around the Sun. Mercury goes around the Sun in only

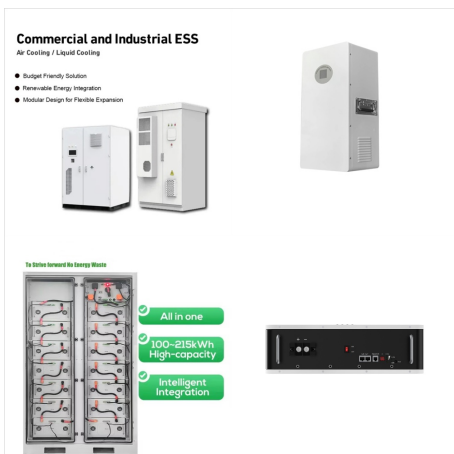


Our solar system consists of our star, the Sun, and everything bound to it by gravity ??? the planets Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune; dwarf planets such as ???

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Planet size comparison for our solar system, in order of increasing distance from the Sun: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune. (Dwarf planet Pluto is also shown.) NASA Lunar and Planetary Institute



This illustration shows the approximate sizes of the planets relative to each other. Outward from the Sun, the planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune, followed by the dwarf planet Pluto. Jupiter's diameter is about 11 times that of the Earth's and the Sun's diameter is about 10 times Jupiter's.



The planets Mercury, Venus, Earth, and Mars, are called terrestrial because they have a compact, rocky surface like Earth's terra firma. The terrestrial planets are the four innermost planets in the solar system. Jupiter, Saturn, Uranus, and Neptune are known as the Jovian (Jupiter-like) planets, because they are all gigantic compared with

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Mercury, Venus, Earth and Mars . Jupiter, Saturn .  
Uranus, Neptune . Mercury, Venus, Earth and Mars  
. Jupiter, Saturn . Uranus, Neptune . I'm Mercury,  
the smallest planet, you see . You humans could  
never live on me . My atmosphere's too thin, and I  
orbit too fast . My days are long (About 60 earth  
days as a matter of fact)



Chances are it's a planet (usually Venus or Jupiter).  
Farmers" Almanac teams up with expert astronomer  
Dean Regas for this go-to guide to tell you which  
visible planets are shining tonight (or tomorrow  
morning) and which direction to look. Spot the five  
naked-eye planets: Mercury, Venus, Mars, Jupiter,  
and Saturn???no telescope needed!



What planets are visible tonight? Where is Mars,  
Saturn or Venus? What is the bright star in the sky?  
Sign in. News. News Home; Astronomy News; Time  
Zone News; Jupiter rise and set in Roanoke  
Rapids. Mercury: Fri 8:33 am: Fri 6:06 pm: Fri 1:20  
pm: Slightly difficult to see: Venus: Fri 9:59 am: Fri  
7:22 pm: