

# What's Up in the Night Sky for JUNE

Greetings, Cosmic Cruisin' Stars 'n Space readers,

You might have observed that the May issue of Cosmic Cruisin' Stars 'n Space was missing. We've decided to pause its publication temporarily. In the meantime, we've also updated our subscriber list to ensure our content reaches the most engaged readers.

As a valued subscriber, you'll continue to receive our regular content. This includes the monthly 'What's Up', AstroSpace facts, eBooks and a link to our blog, amounting to at least four emails a month.

We're also thrilled to share that we're working on a new newsletter focusing on exoplanets and Astrobiology. The blog will be free, but the newsletter will be subscription-based. We'll share more details as we finalize them!

Now for 'What's Up' for June.



**Presented by**

**Night Sky June 2024 Events | Planetary Alignment**  
<https://www.youtube.com/watch?v=9dUSJrJV6ao>

**Tonight's Sky: June**  
<https://www.youtube.com/watch?v=HxBzX92U0Gc>

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## 10 AMAZING PLANET FACTS

1. Despite being closest to the Sun, Mercury is not the hottest planet. That title goes to Venus due to its thick atmosphere.
2. Venus is the only planet in our solar system that rotates clockwise, this is known as a retrograde rotation.

3. Earth's rotation is gradually slowing, this deceleration is happening almost imperceptibly, at approximately 17 milliseconds per hundred years.
4. Mars, the red planet, is home to the tallest volcano and the deepest, longest canyon in the solar system.
5. Jupiter's Great Red Spot is a storm that has been raging on the planet for at least 300 years.
6. Saturn's rings are made primarily of "water ice" mixed with dust and rocky matter.
7. Saturn has 146 known moons as of January 2024, the most of any planet in our solar system. As of January 2024, Jupiter has 95.
8. Uranus is often referred to as an "ice giant" planet. Like the other gas giants, it has a hydrogen upper layer, which has helium mixed in. Below that is an icy "mantle, which surrounds a rock and ice core.
9. Neptune has a very active climate with large storms and winds that can reach up to 2,100 kilometers per hour.
10. Jupiter, Saturn, Uranus, and Neptune are known as the "Jovian planets" because they are all gigantic compared with Earth, and they have a gaseous nature like Jupiter's.



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