

APHELION

Meaning: Aphelion is the point in the orbit of a celestial body where it is farthest from the sun.

1. The planet reaches aphelion once a year, marking its farthest point from the sun.
2. Astrophysicists study the effects of aphelion on Earth's climate and seasons.
3. As the comet approached its aphelion, observers noted a significant decrease in its brightness.
4. During aphelion, the distance between Earth and the sun increases, leading to cooler temperatures.
5. The concept of aphelion is essential for understanding the orbits of celestial bodies.
6. At aphelion, the gravitational pull from the sun is weaker compared to perihelion.
7. Astronomers often calculate the aphelion of planets to predict their orbital dynamics.
8. The aphelion of Mercury occurs at a distance greater than that of Venus.
9. Understanding the aphelion of an asteroid can aid in predicting its trajectory.
10. The variation in distance at aphelion and perihelion influences the length of seasons on Earth.

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