

# **Spardhaguru India Private Limited** Space & Astronomy:

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### Space & Astronomy:

#### Celestial Events and Skywatching

In terms of general skywatching for the month of July 2025:

Mars and Mercury are visible in the western sky for a brief period after sunset.

Venus and Jupiter are prominent in the eastern morning sky.

The constellation Aquila (the Eagle) is visible in the eastern sky during the first half of the night.

The double star Albireo in the constellation Cygnus is also an excellent target for observation with a telescope, showcasing a striking contrast of orange and blue colors.

#### Other News

Other news from early July 2025 included the discovery of a new interstellar object, 3I ATLAS, and updates on ongoing space missions and research, such as the construction of the LISA gravitational wave detector and NASA's Europa Clipper radar passing a key test at Mars.

You can watch an overview of the night sky for July 2025 in this Night Sky News video. This video provides a comprehensive guide to what's happening in the night sky and other space news for the month.

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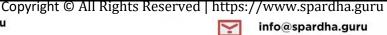
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### **MCQS**

- 1. According to the news, which planet(s) were visible in the western sky for a brief period after sunset in July 2025?
- A. Venus and Jupiter
- B. Mars and Mercury
- C. Saturn and Uranus
- D. Neptune and Pluto

**Answer:** B. Mars and Mercury

The news for July 2025 indicated that Mars and Mercury were the planets visible in the western sky for a short time after sunset.

- 2. The double star Albireo, a popular target for telescope observation, is located in which constellation?
- A. Aquila
- B. Lyra
- C. Cygnus
- D. Orion

**Answer:** C. Cygnus

The news specifically mentioned that the double star Albireo is located in the constellation Cygnus, also known as the Swan. It is noted for its striking color contrast of orange and blue.

- 3. What was the name of the new interstellar object discovered in early July 2025?
- A. Oumuamua
- B. Borisov
- C. 3I ATLAS
- D. Planet Nine

Answer: C. 3I ATLAS

The news reported the discovery of a new interstellar object named 3I ATLAS in early July 2025. This object is of particular interest to astronomers because it originated from outside our solar system.

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