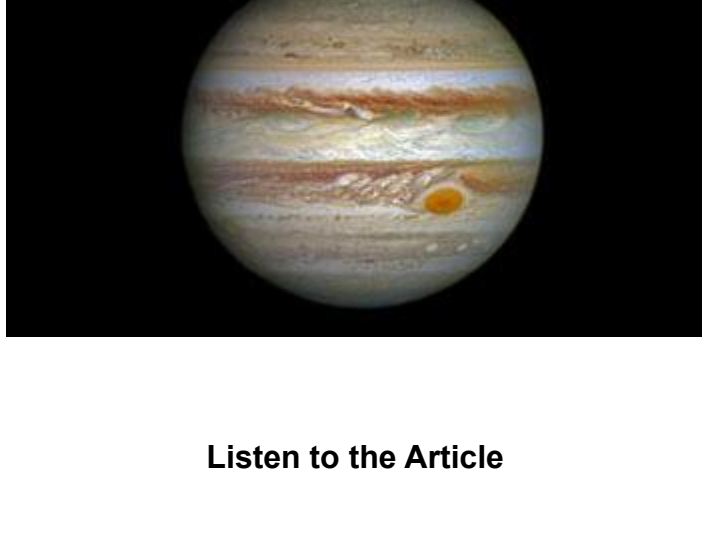
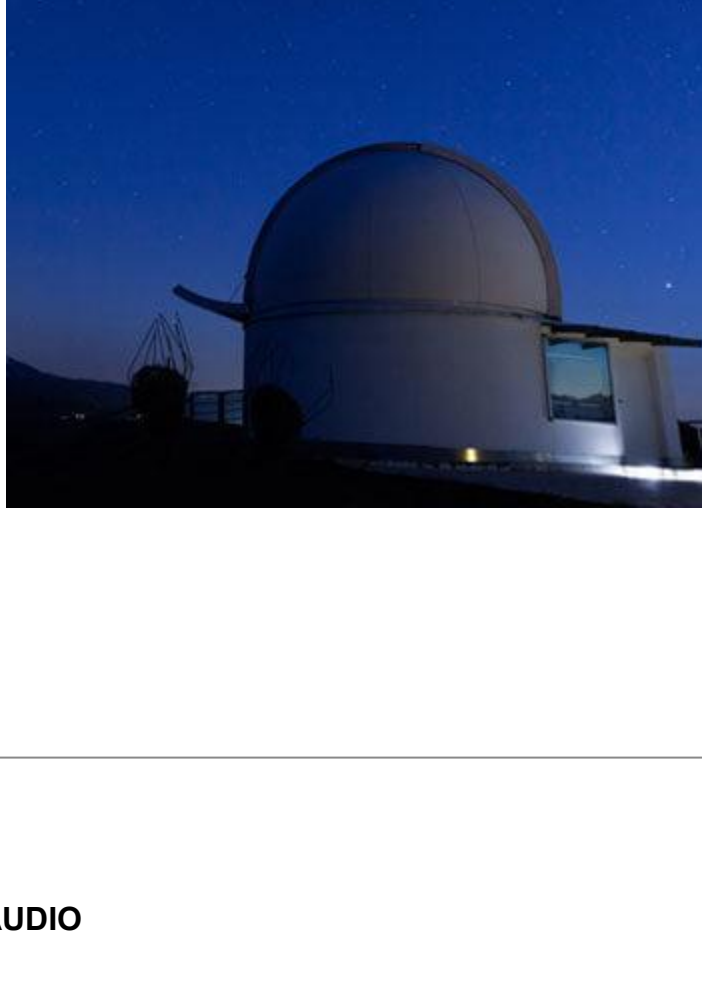


Black spot on Jupiter



Listen to the Article

Listen to the Article about Jupiter to practise and Improve your Listening Skills.
Complete the Lesson Activity to test your level.



LISTEN TO THE AUDIO

An observatory discovered a new black spot on Jupiter... (Play audio file).
Audio Transcript + Correct Answers on bottom page.

ACTIVITIES

Choose True or False

- The spot is located at the north of the planet.
☐ True
☐ False
- The astronomer who made the discovery was in England.
☐ True
☐ False
- The black spot is about the size of the Earth.
☐ True
☐ False
- Wesley wanted to go home to watch football.
☐ True
☐ False
- A comet or asteroid crashed into Jupiter.
☐ True
☐ False

Complete the Sentences

- Jupiter is the _____ the Solar System.
☐ largest planet
☐ large planet in
☐ largest planet in
- NASA is a civilian program and is _____ space research.
☐ charge of
☐ in charge
☐ in charge of
- The discoverer _____ astronomer from Australia.
☐ is an amateur
☐ is an experienced
☐ is not an
- The object responsible for the black spot _____ seen.
☐ could not be
☐ could be
☐ could been
- Previously the Comet Shoemaker-Levy 9 _____ Jupiter.
☐ had crash into
☐ has crashed into
☐ had crashed into

Choose the Correct order

- Which sentence appears first in the article?
☐ Comet Shoemaker-Levy 9
☐ NASA's Mauna Kea Observatory
☐ Astronomer from Murrumbateman
- Which sentence appears first in the article?
☐ Watch the golf and the cricket
☐ I decided to just take a break
☐ He told the Guardian
- Which sentence appears first in the article?
☐ The best possible observations
☐ The right side of Jupiter
☐ Observing the outer planets
- Which sentence appears first in the article?
☐ Jupiter's south pole
☐ Jet Propulsion Laboratory
☐ Confirmed Wesley's original theory
- Which sentence appears first in the article?
☐ Probably a comet
☐ crashing into the planet
☐ The size of the Earth

AUDIO TRANSCRIPT

A black spot about the size of the Earth that appeared on the upper cloud surface of the planet Jupiter on July 19 has been confirmed to be the result of a massive object, probably a comet or asteroid, crashing into the planet, according to the results of infrared observations of the planet taken at NASA's Mauna Kea Observatory.

The spot, located near Jupiter's south pole, was first reported by Anthony Wesley, an amateur astronomer from Murrumbateman, New South Wales, Australia who was observing the planet late on the 19th Australia time, around 1330 on July 20 GMT. Wesley called in a tip to NASA, whose Jet Propulsion Laboratory (JPL) began their own observations at the Infrared Telescope Facility. A team under Glenn Orton then confirmed Wesley's original theory, citing similarities between the black, hot region in the atmosphere and the aftermath of the impact of Comet Shoemaker-Levy 9, which broke into pieces and impacted Jupiter exactly 15 years previously, July 16 to July 22, 1994.

Wesley's tip was instrumental in securing the best possible observations. "We were extremely lucky to be seeing Jupiter at exactly the right time, the right hour, the right side of Jupiter to witness the event. We couldn't have planned it better", said Orton in a NASA press release. Leigh Fletcher, a postdoctoral fellow at JPL, called the observations "the most exciting observations I've seen in my five years of observing the outer planets!"

Wesley almost missed observing the spot. He told the Guardian, "I was imaging Jupiter until about midnight and seriously thought about packing up and going back to the house to watch the golf and the cricket. In the end I decided to just take a break and I went back to the house to watch Tom Watson almost make history. I came back down half an hour later and I could see this black mark had turned into view."

Unlike Comet Shoemaker-Levy 9, the object responsible for Jupiter's new black spot was not detected prior to its impact.

CORRECT ANSWERS

- False
- False
- True
- False
- True
- largest planet in
- in charge of
- is an amateur
- could not be
- had crashed into
- NASA's Mauna Kea Observatory
- He told the Guardian
- The best possible observations
- Jupiter's south pole
- The size of the Earth