



Astronauts Capture Stunning Aurora in Time-Lapse Video

Description

Astronauts on the International Space Station (ISS) saw a bright green aurora. This happened above the southern part of Earth. Astronaut Jessica Meir shared a video of the aurora, called Aurora Australis. This is the southern version of the northern lights. The video shows the lights moving in waves. Meir said it was beautiful and amazing.

The aurora shows colourful lights. These lights come from a solar event. This means energy from the Sun interacts with Earth's atmosphere. This is called space weather. NASA explains that auroras are a dance of particles and magnetism.

Jessica Meir felt wonder when she saw the aurora. She posted about it online. She wants everyone to know how special this event is. The word "aurora" means "dawn" in Latin. It is also the name of the Roman goddess of dawn. More astronauts will continue to study auroras from space. They hope to learn more about these beautiful lights.

Vocabulary List:

1. **aurora** //ə'ɔːrə// (noun): bright natural lights in the sky near poles
2. **solar** //ˈsɒlə// (adjective): relating to the Sun or its energy
3. **atmosphere** //ˈætməsfɪr// (noun): the layer of air around a planet
4. **interacts** //ˌɪntə'æktz// (verb): acts together with something and changes both
5. **particles** //ˈpɑːtɪkəlz// (noun): very small pieces of matter or material
6. **magnetism** //ˈmæɡnə,tɪzəm// (noun): force that makes some metals attract others

Comprehension Questions

Multiple Choice

1. What is the name of the aurora seen by astronauts on the ISS?

- Option: Aurora Borealis
- Option: Aurora Australis
- Option: Aurora Polaris
- Option: Aurora Fulgida



2. From which part of Earth did the aurora appear?

- Option: Northern part
- Option: Southern part
- Option: Eastern part
- Option: Western part

3. What phenomenon causes the auroras?

- Option: Solar flares
- Option: Solar storms
- Option: Energy from the Sun interacting with the atmosphere
- Option: Cloud formations

4. What did Jessica Meir do with the video of the aurora?

- Option: Ignored it
- Option: Shared it online
- Option: Sold it
- Option: Presented it at a conference

5. What does the word 'aurora' mean in Latin?

- Option: Star
- Option: Dawn
- Option: Light
- Option: Sky

6. Who is Aurora also the name of?

- Option: A weather phenomenon
- Option: A planet
- Option: The Roman goddess of dawn
- Option: An astronaut

True-False

7. The aurora observed was called Aurora Borealis.

8. Jessica Meir found the aurora to be beautiful and amazing.

9. NASA explains that auroras are caused by cloud formations.



10. The aurora lights move in waves.
11. More astronauts will study auroras from space.
12. The auroras are only visible from the northern hemisphere.

Gap-Fill

13. The aurora seen by the astronauts is known as _____.
14. The event that causes auroras is related to _____ weather.
15. Jessica Meir expressed a sense of _____ when she saw the aurora.
16. The phenomenon happens above the _____ part of Earth.
17. The lights of the aurora come from energy from the _____.
18. In Latin, the word 'aurora' means _____.

Answer

Multiple Choice: 1. Aurora Australis 2. Southern part 3. Energy from the Sun interacting with the atmosphere
4. Shared it online 5. Dawn 6. The Roman goddess of dawn

True-False: 7. False 8. True 9. False 10. True 11. True 12. False

Gap-Fill: 13. Aurora Australis 14. space 15. wonder 16. southern 17. Sun 18. dawn

CATEGORY

1. Sci/Tech - LEVEL1

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2. aurora
3. ESL learning
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