



ISS Astronauts Record Stunning Aurora in Time-Lapse Video

Description

Astronauts saw a bright green aurora from the International Space Station (ISS). This aurora is called aurora australis. It is the southern version of the northern lights. Jessica Meir, an astronaut, shared a video of it. She took this video from the SpaceX Dragon craft outside the ISS.

The aurora glowed and moved like a dance in the sky. Meir said it looked beautiful and made her feel amazed. This show happened because of a recent event from the Sun. NASA explains that auroras are colourful lights in the sky. They happen when particles from the Sun interact with Earth's atmosphere.

The word "aurora" means "dawn" in Latin. It is also named after the Roman goddess of dawn. Scientists study these lights to learn more about space weather. Space weather is how the Sun affects the Earth. The ISS will continue to capture more stunning visuals of auroras in the future.

Vocabulary List:

1. **aurora** //ə'ɔːrə// (noun): bright natural light in the sky at night
2. **particles** //'pɑːtɪkəlz// (noun): very small pieces of matter or dust
3. **atmosphere** //'ætməsfɪr// (noun): the layer of air around the Earth
4. **interact** //,ɪntər'ækt// (verb): to act together and affect one another
5. **capture** //'kæptʃə// (verb): to take or record a picture or video
6. **visuals** //'vɪʒuəlz// (noun): images or pictures, especially moving or recorded

Comprehension Questions

Multiple Choice

1. What is the southern version of the northern lights called?

- Option: Aurora Borealis
- Option: Aurora Australis
- Option: Northern Lights
- Option: Southern Lights



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2. Who shared the video of the aurora from the ISS?
 - Option: Scott Kelly
 - Option: Jessica Meir
 - Option: Chris Hadfield
 - Option: Mark Vande Hei

 3. Which spacecraft did Jessica Meir use to take the video of the aurora?
 - Option: Space Shuttle
 - Option: Soyuz
 - Option: SpaceX Dragon
 - Option: Apollo

 4. What does the word 'aurora' mean in Latin?
 - Option: Light
 - Option: Dance
 - Option: Dawn
 - Option: Sky

 5. What event caused the auroras to happen according to Meir?
 - Option: A comet passing
 - Option: A solar eclipse
 - Option: A recent event from the Sun
 - Option: A meteor shower

 6. What do scientists study when they observe auroras?
 - Option: Weather patterns
 - Option: Space weather
 - Option: Aurora myths
 - Option: Plant life

True-False

7. Aurora australis is the northern version of the northern lights.

8. NASA explains that auroras are colorful lights that happen due to solar particles.

9. The ISS has captured a video of auroras before Jessica Meir.



10. The word 'aurora' relates to the Greek goddess of dawn.
11. Jessica Meir felt amazed by the beauty of the aurora.
12. Space weather refers to how the Earth affects the Sun.

Gap-Fill

13. Astronauts saw a bright green aurora from the International Space Station (ISS). This aurora is called aurora _____.
14. Jessica Meir shared a video of the aurora from the _____.
15. The word 'aurora' means ' _____ ' in Latin.
16. Auroras happen when particles from the Sun interact with Earth's _____.
17. Scientists study these lights to learn more about space _____.
18. Meir said the aurora looked beautiful and made her feel _____.

Answer

- Multiple Choice:** 1. Aurora Australis 2. Jessica Meir 3. SpaceX Dragon 4. Dawn 5. A recent event from the Sun
6. Space weather
True-False: 7. False 8. True 9. True 10. False 11. True 12. False
Gap-Fill: 13. australis 14. SpaceX Dragon 15. dawn 16. atmosphere 17. weather 18. amazed

CATEGORY

1. Sci/Tech - LEVEL1

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2. aurora
3. ESL learning
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