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## Astronauts on ISS Film Aurora in Stunning Time-Lapse

### Description

Astronauts aboard the International Space Station (ISS) were captivated by a stunning display of the aurora australis, often referred to as the southern lights. Jessica Meir, one of the astronauts, shared a time-lapse video of this breathtaking phenomenon, which she recorded from a SpaceX Dragon spacecraft near the ISS. She described the emerald lights as "dancing and snaking" below, resulting from a recent solar event.

NASA explains that auroras are colourful displays caused by the interaction between solar particles and Earth's magnetic field, a process known as space weather. The term "aurora" derives from the Latin word for "dawn" and is also linked to the Roman goddess of dawn.

Meir expressed her amazement, stating she was in "awe" of this captivating natural occurrence. The aurora australis, visible from a height of 271 miles above the Indian Ocean, was photographed during an active solar event on June 5, 2026.

The vibrant aurora is noteworthy, as it reflects the complex interplay between the Sun and our planet, illustrating the beauty of nature's forces. Such events not only inspire those who witness them but also serve as reminders of the ongoing research into solar activity and its impact on Earth.

As scientists continue to study these phenomena, further observations from the ISS may reveal more about the dynamics of space weather. The excitement generated by these visuals may encourage greater public interest in space exploration and the scientific principles behind such spectacular displays.

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### Vocabulary List:

1. **aurora** //ə'ɔːrə// (noun): bright lights in the sky near the poles
2. **phenomenon** //fə'nɒmənən// (noun): something that happens and is often noticed
3. **solar** //'sɒlə// (adjective): relating to the Sun or its energy
4. **interaction** //,ɪntər'ækjən// (noun): when two things affect or change each other
5. **magnetic** //mæg'netɪk// (adjective): pulling or pushing certain metals or objects
6. **dynamics** //daɪ'næmɪks// (noun): the forces or changes that affect something

### Comprehension Questions



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## Multiple Choice

1. What is the aurora australis commonly referred to as?
  - Option: Northern Lights
  - Option: Southern Lights
  - Option: Dawn Lights
  - Option: Solar Flare
2. Who shared the time-lapse video of the aurora australis?
  - Option: Chris Hadfield
  - Option: Jessica Meir
  - Option: Sunita Williams
  - Option: Mark Vande Hei
3. From what height was the aurora australis photographed?
  - Option: 271 miles
  - Option: 300 miles
  - Option: 250 miles
  - Option: 350 miles
4. On what date was the aurora australis photographed during an active solar event?
  - Option: June 1, 2026
  - Option: June 5, 2026
  - Option: August 15, 2026
  - Option: July 20, 2026
5. The term 'aurora' derives from which language?
  - Option: Greek
  - Option: Latin
  - Option: Spanish
  - Option: French
6. What natural occurrence did Jessica Meir express being in awe of?
  - Option: Solar Flare
  - Option: Aurora Borealis
  - Option: Aurora Australis
  - Option: Lunar Eclipse



### True-False

7. Auroras are caused by the interaction between solar particles and Earth's atmosphere.
8. Jessica Meir recorded the aurora australis from a SpaceX Dragon spacecraft.
9. The aurora australis is also known as the northern lights.
10. NASA is conducting ongoing research into the effects of solar activity on Earth.
11. The word 'aurora' is linked to a Roman goddess.
12. Auroras are only visible in the winter months.

### Gap-Fill

13. The aurora australis was recorded from the ISS and is known for its \_\_\_\_\_.
14. The auroras are caused by solar particles interacting with Earth's \_\_\_\_\_.
15. The term 'aurora' originates from the Latin word for \_\_\_\_\_.
16. Jessica Meir described the emerald lights as 'dancing and \_\_\_\_\_'.
17. The vibrant aurora illustrates the beauty of nature's \_\_\_\_\_.
18. The ISS may provide further \_\_\_\_\_ into space weather dynamics.

### Answer

**Multiple Choice:** 1. Southern Lights 2. Jessica Meir 3. 271 miles 4. June 5, 2026 5. Latin 6. Aurora Australis

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

**Gap-Fill:** 13. stunning display 14. magnetic field 15. dawn 16. snaking 17. forces 18. observations

### CATEGORY

1. Sci/Tech - LEVEL5

### POST TAG

1. aurora



2. ESL learning
3. esl news
4. ISS astronauts
5. reading level L5
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