



Satellite Images Capture SpaceX Rocket Crash on Moon

Description

A South Korean satellite has taken the first images of a new crash site on the moon. This site was created by a SpaceX rocket that accidentally collided with the lunar surface.

The Korea Aerospace Research Institute launched the Danuri spacecraft, which flew over the impact site shortly after the crash on Wednesday. Danuri captured several photographs from its orbit around the moon. These images were shared by the space agency on Thursday.

The area where the rocket struck is now darker due to the impact, which created a crater and sent dust and rocks flying. Officials from the Korean space agency noted that Danuri obtained images before and after the crash.

NASA plans to send its Lunar Reconnaissance Orbiter to the crash site next week. This spacecraft will help view the scene after the impact.

Elon Musk's SpaceX launched Danuri from Cape Canaveral in 2022. The company also sent two private lunar landers to the moon last year. The upper stage of the rocket from that launch crashed into the moon at a speed of 5,400 mph (8,700 kph). SpaceX said that solar activity and gravity caused it to collide with the moon by accident.

Vocabulary List:

1. **satellite** //ˈsætəlaɪt// (noun): an object sent to move around a planet
2. **collided** //kəˈlaɪdɪd// (verb): hit another object with sudden force while moving
3. **impact** //ˈɪmpækt// (noun): a strong hit that changes something
4. **crater** //ˈkreɪtər// (noun): a large round hole in the ground
5. **orbit** //ˈɔrbɪt// (noun): the path an object follows around another
6. **gravity** //ˈɡrævəti// (noun): a force that pulls objects toward a planet

Comprehension Questions

Multiple Choice



1. What type of spacecraft captured the first images of the moon crash site?

- Option: Rover
- Option: Satellite
- Option: Orbiter
- Option: Lander

2. Who launched the Danuri spacecraft?

- Option: NASA
- Option: SpaceX
- Option: Korea Aerospace Research Institute
- Option: European Space Agency

3. What was the speed of the rocket when it crashed into the moon?

- Option: 3,200 mph
- Option: 5,400 mph
- Option: 7,000 mph
- Option: 9,500 mph

4. Which company launched Danuri?

- Option: NASA
- Option: Boeing
- Option: SpaceX
- Option: Blue Origin

5. When did the crash occur?

- Option: Monday
- Option: Tuesday
- Option: Wednesday
- Option: Thursday

6. What will NASA send to the crash site next week?

- Option: Space Shuttle
- Option: Lunar Reconnaissance Orbiter
- Option: Mars Rover
- Option: Hubble Telescope

True-False



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7. Danuri was launched in 2022.
 8. The crash site is brighter due to the impact.
 9. Elon Musk's SpaceX is responsible for the crash on the moon.
 10. Dust and rocks were sent flying upon impact.
 11. NASA plans to send its spacecraft to the crash site this month.
 12. The Korea Aerospace Research Institute is a South Korean organization.

Gap-Fill

13. The Danuri spacecraft flew over the impact site shortly after the crash on _____.
14. The area of the crash site is now darker due to the impact which created a _____.
15. The upper stage of the rocket from that launch crashed into the moon at a speed of _____ mph.
16. Officials from the Korean space agency noted that Danuri obtained images _____ and after the crash.
17. SpaceX said that solar activity and gravity caused the rocket to collide with the moon by _____.
18. NASA's Lunar Reconnaissance Orbiter will help view the scene after the _____.

Answer

Multiple Choice: 1. Satellite 2. Korea Aerospace Research Institute 3. 5,400 mph 4. SpaceX 5. Wednesday 6. Lunar Reconnaissance Orbiter

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

Gap-Fill: 13. Wednesday 14. crater 15. 5,400 16. before 17. accident 18. impact

CATEGORY



1. Sci/Tech - LEVEL3

POST TAG

1. crash site
2. ESL learning
3. esl news
4. Level 3
5. satellite
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