



Loud Noise Reported Across Southern New England

Description

A meteor about 3 feet wide entered the Earth's atmosphere near Massachusetts and New Hampshire. It made a loud boom over Southern New England on Saturday afternoon.

The American Meteor Society said the meteor broke apart before hitting the ground. NASA confirmed this event at 2:06 p.m. It moved at a speed of around 75,000 miles per hour. The meteor broke apart at a height of 40 miles above northeastern Massachusetts and southeastern New Hampshire. The loud sound came from the energy of the meteor, which was like a large explosion.

Many people heard the noise. People from nearby towns said their houses shook when the sound happened. NOAA's satellite saw a bright flash near Massachusetts Bay, likely from the meteor.

Most meteors are small, like grains of sand. This meteor was much larger. A meteor becomes a meteorite if it touches the ground. It seems this one did not reach the ground.

Vocabulary List:

1. **meteor** /'mi:tiə// (noun): a space rock that enters Earth's atmosphere
2. **atmosphere** /'ætməsfɪr// (noun): the air that surrounds the Earth
3. **confirmed** /kən'fɜ:məd// (verb): said that something was true or real
4. **satellite** /'sætə,lait// (noun): a machine in space that takes pictures
5. **explosion** /ɪk'splɒʒən// (noun): a sudden, very loud release of energy
6. **meteorite** /'mi:tiə,raɪt// (noun): a space rock that lands on the ground

Comprehension Questions

Multiple Choice

1. How wide was the meteor that entered the Earth's atmosphere?

Option: 1 foot

Option: 3 feet

Option: 5 feet

Option: 10 feet



2. What time did NASA confirm the meteor event?

Option: 1:00 p.m.

Option: 2:06 p.m.

Option: 3:30 p.m.

Option: 4:15 p.m.

3. At what speed did the meteor move?

Option: 50,000 miles per hour

Option: 60,000 miles per hour

Option: 75,000 miles per hour

Option: 90,000 miles per hour

4. At what height did the meteor break apart?

Option: 20 miles

Option: 30 miles

Option: 40 miles

Option: 50 miles

5. Which organization reported the bright flash near Massachusetts Bay?

Option: NASA

Option: NOAA

Option: American Meteor Society

Option: FEMA

6. What is the term for a meteor that touches the ground?

Option: Meteorite

Option: Asteroid

Option: Comet

Option: Satellite

True-False

7. The meteor was approximately 5 feet wide.

8. Many people heard a loud boom from the meteor event.

9. The meteor broke apart after hitting the ground.



10. The energy from the meteor created a sound similar to a large explosion.
11. This meteor reached the ground and became a meteorite.
12. Most meteors are much larger than grains of sand.

Gap-Fill

13. The meteor entered the Earth's atmosphere near Massachusetts and _____.
14. The meteor made a loud boom over Southern _____.
15. The loud sound was due to the energy of the meteor, which was like a large _____.
16. NOAA's satellite saw a bright flash near Massachusetts _____.
17. A meteor that touches the ground is called a _____.
18. The meteor moved at a speed of around _____ miles per hour.

Answer

Multiple Choice: 1. 3 feet 2. 2:06 p.m. 3. 75,000 miles per hour 4. 40 miles 5. NOAA 6. Meteorite

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

Gap-Fill: 13. New Hampshire 14. New England 15. explosion 16. Bay 17. meteorite 18. 75,000

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. What is a commonly used tool for monitoring atmospheric conditions?
Option: Satellite
Option: Meteorite
Option: Meteor
Option: Sensor
2. What is the primary function of sensors in a security system?
Option: To restrict access



- Option: To monitor environments
- Option: To enhance performance
- Option: To teleport data

3. What can happen when a meteor enters the Earth's atmosphere?

- Option: Teleportation
- Option: Explosion
- Option: Satelliting
- Option: Repository

4. What is often used to securely store data?

- Option: Patch
- Option: Repository
- Option: Application
- Option: Meteor

5. What can enhance the reliability of applications?

- Option: Patch
- Option: Performance
- Option: Restrict
- Option: Meteorite

6. What is essential for keeping servers secure and functional?

- Option: Downtime
- Option: Update
- Option: Explosion
- Option: Flaw

7. What can be used to limit user access to sensitive information?

- Option: Customize
- Option: Restrict
- Option: Monitor
- Option: Teleport

8. What is often needed to ensure security flaws are addressed?

- Option: Patch
- Option: Gap
- Option: Trend
- Option: Meteor

9. What should be monitored to ensure applications are up to date?

- Option: Medications
- Option: Trends



Option: Sensors

Option: Servers

10. What type of server is needed for optimal application performance?

Option: Optional

Option: Reliable

Option: Customizable

Option: Temporary

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. To ensure maximum uptime, it's critical to minimize _____ during maintenance.

12. Many applications allow users to _____ their settings for better usability.

13. A good user interface _____ the overall user experience and satisfaction.

14. Some settings in the application are _____ and can be adjusted according to user preferences.

15. The weather forecasting system uses data from a _____ to predict storms.

16. To provide the best results, the sensors must be _____ and well-calibrated.

17. Identifying a security _____ early can prevent potential breaches.

18. Only authorized personnel should have _____ to sensitive data and systems.

19. Patients must manage their _____ carefully to avoid adverse reactions.

20. In the virtual world, we can _____ data across vast distances almost instantly.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. A strong security system is essential to protect sensitive information from breaches.

22. Optimizing performance can significantly enhance user experience in applications.

23. Satellites are used to collect data on weather patterns and atmospheric conditions.



24. A meteorite is a fragment of a meteoroid that survives its passage through the atmosphere.
25. Software patches are crucial for fixing security flaws and improving functionality.
26. To ensure everything runs smoothly, it's important to monitor the system regularly.
27. Keeping an eye on industry trends allows organizations to stay competitive.
28. The explosion of a meteor can create spectacular fireballs in the night sky.
29. Policies are in place to restrict access to confidential documents.
30. Having a reliable backup system is vital to prevent data loss during unexpected events.

Answer

Multiple Choice: 1. Satellite 2. To monitor environments 3. Explosion 4. Repository 5. Performance 6. Update 7. Restrict 8. Patch 9. Trends 10. Reliable

Gap-Fill: 11. downtime 12. customize 13. enhances 14. optional 15. satellite 16. accurate 17. flaw 18. access 19. medications 20. teleport

Matching sentence: 1. security 2. performance 3. satellite 4. meteorite 5. patch 6. monitor 7. trends 8. explosion 9. restrict 10. reliable

CATEGORY

1. Sci/Tech - LEVEL1

POST TAG

1. ESL learning
2. esl news
3. Level 1
4. loud noise
5. Southern New England

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Date Created

2026/05/31

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