

White Christmas Fact Finding Mission

Using the following link to help you find the answers:

<https://www.metoffice.gov.uk/learning/precipitation/snow/white-christmas>

1. In what month is it most likely to receive snowfall in the United Kingdom?

2. What is the definition of a 'White Christmas' according to the Met Office?

3. From watching the video clip, answer the following questions:

(a) What temperature is needed for snow to fall?

(b) How long does it take for a snowflake to reach the ground?

(c) How does a blizzard form?

(d) What was the measurement of the deepest recorded snowfall in the UK?

4. How far ahead the Met Office predict if there will be snowfall on Christmas Day?

5. When was the last widespread white Christmas in the UK and what percentage of stations recorded snow on the ground?

6. What was the highest temperature and what was the lowest temperature ever recorded by the Met Office on Christmas day?

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7. Name the top three years for the most stations across the UK recording snow falling during the 24 hours midnight to midnight on Christmas day.

8. What colour are snowflakes?

9. State the years that represent the four peaks times for snowfall lying at stations across the UK according to the graph?

10. Have you ever experienced a White Christmas? Write a few lines about your experience.

