



Extreme Weather in the UK

Fill in the blanks:

wet, north, wetter, regional, warm, west, mild, drier, east, wet, south

The weather in the UK is characterised by _____, _____ summers and _____, _____ winters.

However, there are _____ differences. The _____, influenced by the Atlantic Ocean, is _____ and windier, especially in the northwest. In contrast, the _____ is _____ and more sheltered, with less rainfall. The _____ is cooler than the _____, experiencing colder winters and cooler summers. These variations are due to geographical factors like latitude, proximity to the ocean and prevailing wind patterns.

Extreme Weather:

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.....

Flood warnings - fill in the list with key actions you should take during each warning level



During a **Flood Alert**, I would

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During a **Flood Warning**, I would

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.....



During a **Severe Flood Warning**, I would

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.....

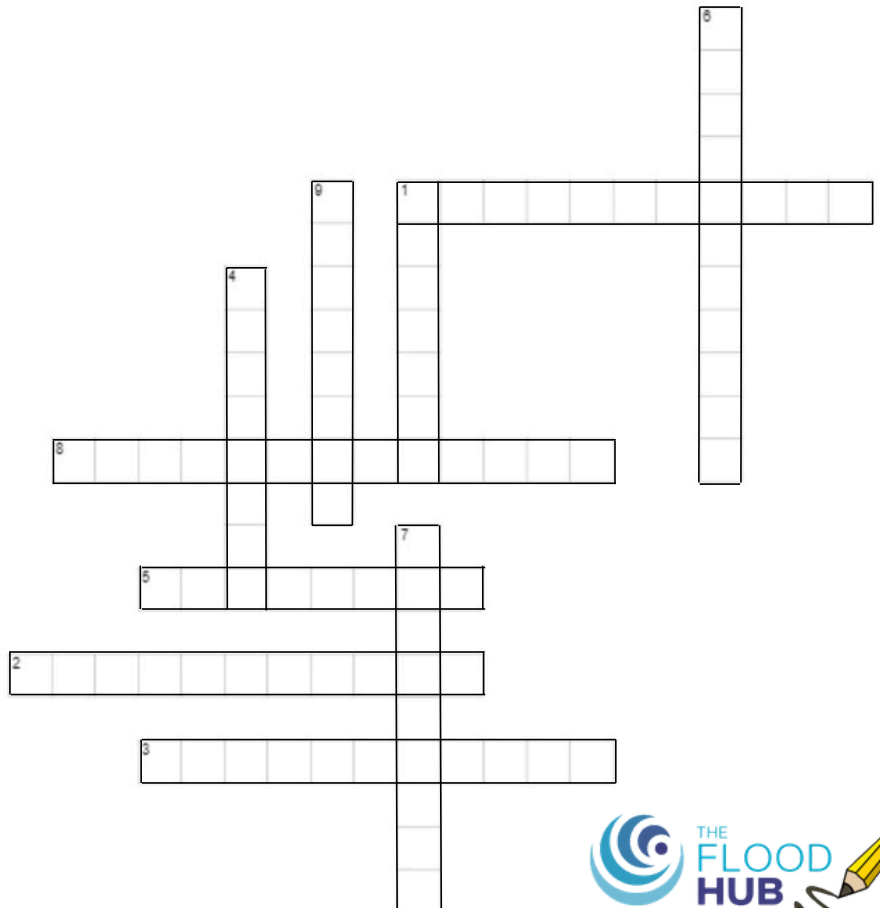
Crossword Puzzle:

Across:

1. Condition caused by lack of water, common in hot weather. (11)
2. Prolonged period of very low temperatures. (7,4)
3. Unusually high temperatures. (7,4)
5. Strong gusts of moving air. (4,4)
8. Violent atmospheric disturbances with lightning and thunder. (13)

Down:

1. Prolonged dry period causing water shortages. (7)
4. Water covering dry land after heavy rain or river overflow. (8)
6. Dangerously low body temperature due to cold exposure. (11)
7. Viral respiratory illness that spreads during cold spells and winter months. (9)
9. Uncontrolled fire spreading rapidly through vegetation. (8)





2023-24 UK Storm Recap Top Trumps

These Top Trumps cards provide a detailed recap of the storms that impacted the UK during the 2023-24 season.

The 2023-24 storm season was particularly poignant for being the first time the Western European storm naming group has reached letter 'L' since the naming of storms was introduced in 2015.

These flashcards are designed to fit within the KS2 and KS3 Geography modules.

Students can cut them out to compare the different storms and their impacts from the season.

Storm Agnes



Date of impact: 27 - 28 September 2023

Wind Speed: 84 mph (Conwy, Wales)

Rainfall: 56 mm (in 24h) (Honister Pass, Cumbria)

Locations worst hit: Northern England, Scotland, Ireland, Wales.

Impacts:

- Disruption to Irish Sea ferry services
- Power outages and fallen trees in Cumbria and south-west Scotland.
- Flight delays at Belfast City Airport.

Storm Babet



Date of impact: 18 - 21 October 2023

Wind Speed: 121 mph (Kincardineshire, Scotland)

Rainfall: 129mm (in 24h) (Kincardineshire, Scotland)

Locations worst hit: East Midlands, North East England, Eastern Scotland, South East England, Yorkshire.

Impacts:

- 30,000 homes in northern Scotland with power outages.
- Yorkshire, East Midlands, and Humber saw significant flooding; over 1000 homes impacted.
- Major rail service disruptions, East Coast, Leeds Bradford airport affected.
- Seven reported fatalities.



2023-24 UK Storm Recap Top Trumps



Storm Ciarán



Date of impact: 1 - 2 November 2023

Wind Speed: 93 mph (Jersey Airport)

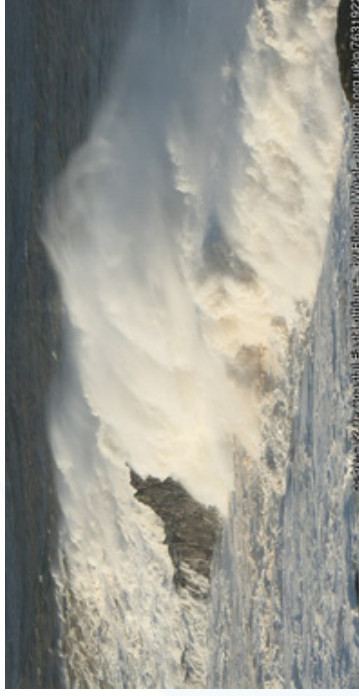
Rainfall: 60.1mm (in 24h) (Devon, England)

Locations worst hit: Southern England, Wales, Northern France, Channel Islands

Impacts:

- Major transport disruptions: port of Dover closed, ferry and flight cancellations.
- Great Western Line railway closures.
- Over 150,000 homes lost power.
- Large waves and flooding exacerbated existing problems.
- Significant power outage at water treatment plants in Surrey.

Storm Debi



Date of impact: 13 November 2023

Wind Speed: 77 mph (Gwynedd, Wales)

Rainfall: 124.2mm (in 24h) (Cumbria, England)

Locations worst hit: Scotland, Northern Ireland, Northern England, Wales.

Impacts:

- 100,000 homes and businesses in the Republic of Ireland lost power.
- Localised road closures.
- Rail service disruptions and cancellations due to fallen trees.
- Around 50 flight cancellations at London Heathrow and other airports.
- Ferry services impacted in the Irish Sea.
- Large waves battered coastal regions along the Irish Sea.



Storm Elin & Fergus



Date of impact: 9 & 10 December 2023

Wind Speed: 81 mph (Capel Curig, Wales)

Rainfall: 94mm (in 24h) (Keswick, Cumbria)

Locations worst hit: Republic of Ireland, upland areas of Wales, north-west England, parts of Scotland

Impacts:

- Ongoing groundwater flooding risk due to saturated ground from previous wet weather.
- Localised road closures and disruptions from flooding and debris.
- Rail service impacts likely from fallen trees and flooding.
- Power outages expected due to strong winds affecting infrastructure.



2023-24 UK Storm Recap Top Trumps



Storm Gerrit



Date of impact: 27 - 28 December 2023

Wind Speed: 89 mph (Fair Isle, Scotland)

Rainfall: 85.8mm (in 24h) (Honister Pass, Cumbria)

Locations worst hit: Wales, north-west England, and Scotland

Impacts:

- Severe rail disruptions in Scotland due to strong winds, flooding and landslides
- Mini tornado in Manchester damaged around 100 homes.
- Heavy rain with accumulations of 30-50mm across many areas.
- Significant snowfall in Scotland. Motorists stranded on the A9 in Scotland due to snow.



Storm Henk



Date of impact: 2 January 2024

Wind Speed: 94mph (Isle of Wight)

Rainfall: 54.8mm (in 24h) (Ceredigion, Wales)

Locations worst hit: South Midlands, East of England

Impacts:

- Major road closures due to flooding.
- Train delays, diversions, and cancellations.
- 38,000 properties lost power.
- One fatality in Gloucestershire from a falling tree on a car.
- Nearly 300 flood warnings in place in England, with additional warnings in Wales and Scotland.



Storm Isha & Jocelyn



Date of impact: 21-22 & 23-24 January 2024

Wind Speed: 140mph (Cairngorm Summit)

Rainfall: 127.6mm (in 24h) (Shap, Cumbria)

Locations worst hit: Scotland, Northern Ireland, north-west England, and Wales.

Impacts:

- Extensive damage from fallen trees and buildings.
- Two fatalities due to trees falling on cars.
- Hundreds of thousands of properties lost power.
- Major road closures due to flooding and overturned vehicles.
- Flooding across Cumbria and North Wales.
- Two fell walkers rescued in the Lake District.





2023-24 UK Storm Recap Top Trumps



Storm Kathleen



Date of impact: 6-7 April 2024

Wind Speed: 76mph (Garve, Scotland)

Rainfall: 31.6mm (in 24h) (Powys, Wales)

Locations worst hit: Scotland, Northern Ireland and western coastal areas

Impacts:

- Weather warnings for snow, wind and rain
- Strong winds caused large waves and flooding along the coast.
- Several main roads closed due to flooding.
- Over 12,000 properties without power in Ireland.
- Beach huts swept away in Cornwall.
- April gust speed records in Scotland and Northern Ireland.



Storm Lilian



Date of impact: 22-23 August 2024

Wind Speed: 74mph (Conwy, Wales)

Rainfall: 60.4mm (in 24hrs) (Seathwaite, Cumbria)

Locations worst hit: North-west England, Wales

Impacts:

- Brought very strong winds and heavy rain with yellow weather warnings for wind and rain.
- The storm arrived on bank holiday weekend which caused disruption to festivals, campsites, and rail and air travel.
- Thousands of properties were left without power due to fallen trees and damaged lines.