

Weather Hazards in the UK

Learning Objective:

- **Discover** how the UK is affected by weather hazards



Learning Outcomes:

- **Distinguish** weather and climate
- **Describe** the impacts of extreme weather types
- **Assess** why the UK experiences extreme weather



Weather is the day to day variation in temperature, precipitation, wind speed, wind direction, cloud cover, humidity and air pressure.

Climate is the overall pattern of weather over a 30 year period.

Weather is different to climate because...

Hot enough to...

- Most extreme heat for 500 years
- 20,000 people died!



Strong winds bring chaos to UK

There was widespread disruption to road and rail networks, leaving 21 000 people without power, as strong winds continued to batter the UK this week.

Electricity supplies were affected in South Wales, the south-west and the West Midlands. Wind speeds of up to 105mph were recorded in Aberdaron in north-west Wales, with gusts of 92mph recorded on the Gower Peninsula, south-west Wales.

The Met Office has warned that coastal areas of the UK could be battered by large waves. Clifton suspension bridge in Bristol was closed briefly for the first time ever because of high winds, and storms have brought down many trees.



London 2014

How are they linked?



Boscawen 2004

Thunderstorms



Strong winds



Prolonged rainfall



Impacts of
weather hazards

Drought / extreme heat



Heavy snow / extreme cold



Why is the UK like a roundabout?

The UK is like a roundabout because it is at the meeting point of...

... several different types of weather from different directions. We have varied weather from week to week and occasionally we will be affected by extreme weather.

