



TELEPHONE

The Floods – will it happen again?

What happened?

What effect did the floods have?

What could have caused the floods?

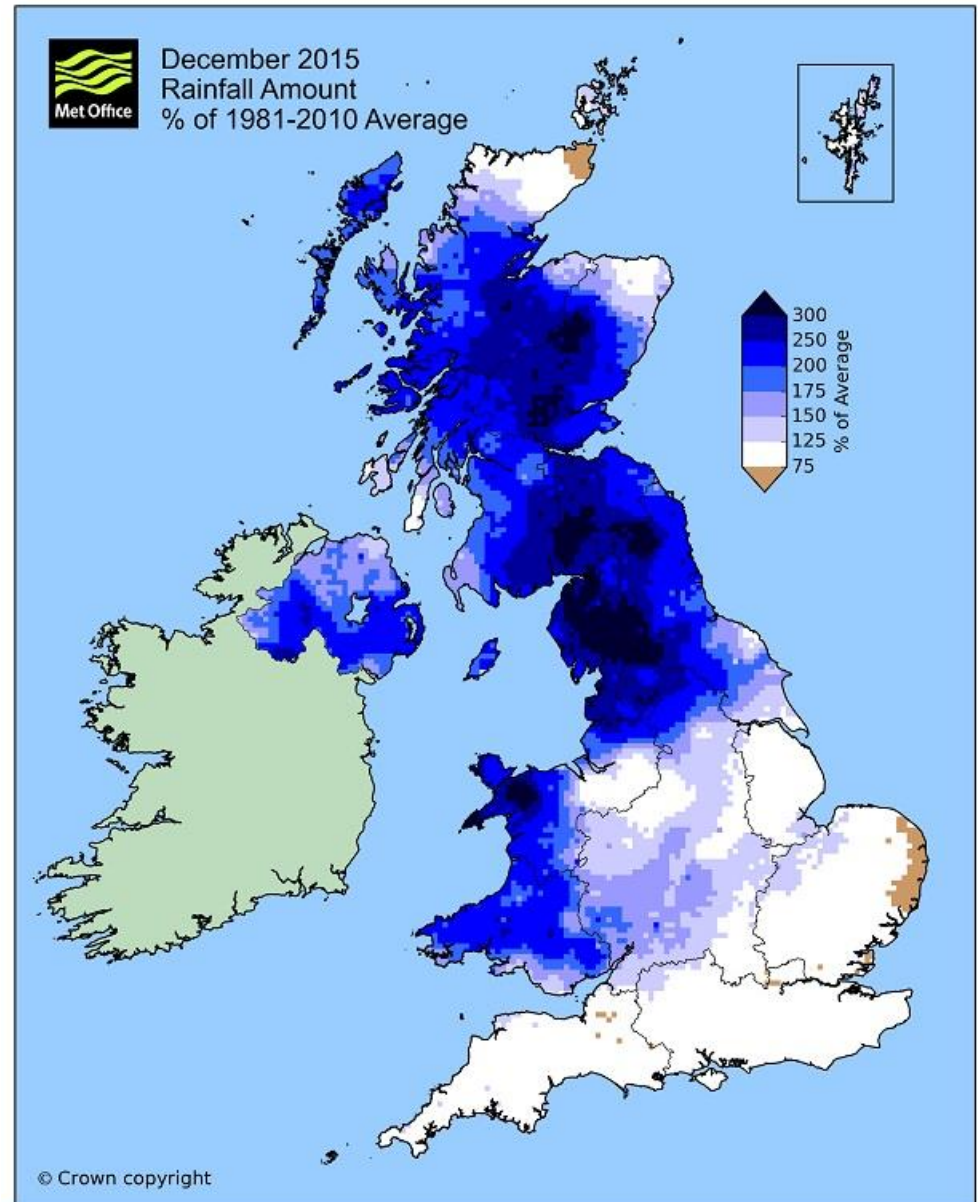
Will there be flooding again?

Has climate change got something to do with it?

What happened?

December last year vast areas of the UK were hit by severe flooding.

Our assembly hopes to get to the bottom of what happened.



What happened?

- 5th December with Storm Desmond, bringing more than a months rain to Cumbria.
- 12th December – more flood warnings issued due to yet more heavy rain
- 22nd December - communities in Cumbria flood again
- 25th December – Storm Eva brings torrential rain causing flood alerts across England and wales.
- 26th December – People in Yorkshire and Lancashire are evacuated from their homes and flooding hits Leeds, Greater Manchester and York.
- 30th December – storm frank hits the UK, causing fresh flooding in northern England and Scotland.
- 4th January – heavy rain in Scotland causes yet more flooding, residents are evacuated from their homes and roads collapse.

What effect did this have?



How can we stop this happening again??



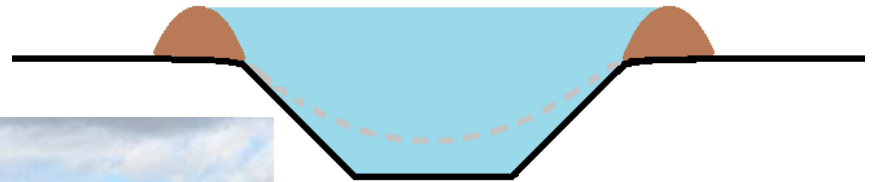
The energy of a natural river is dissipated during overbank flows

Streampower is restricted by the natural channel dimensions



Dredging activities increase the cross-sectional area of the river channel

Spoil embankments increase bankfull height further



Has climate change caused this?

Over the last few years flooding seems to have become a much more common occurrence....

Why is this?

