

## Launching Monday 16 September 2019: UKCP Local (2.2km) climate projections

### Launch of UKCP Local (2.2km) climate projections

Today, Defra, BEIS, Met Office and the Environment Agency mark the release of the UKCP Local (2.2km) climate projections with an event hosted by Professor Sir Ian Boyd and with a keynote presentation from Professor Christoph Schär.

The new climate projections complement the UKCP suite of products launched last year. They provide information to help society to understand how much the climate might change in future, enabling comprehensive adaptation planning to inform how to protect people and infrastructure.

Read the [press release](#)

UKCP Project Team

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#### UKCP Local (2.2km) provides

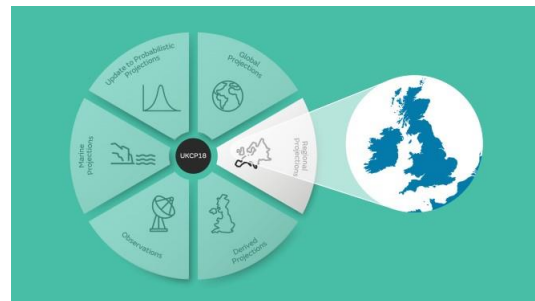
- the highest ever resolution of climate projections produced for the UK, for the first time on a par with the resolution used for weather forecasting.
  - the most physically realistic projections of extremes in local areas for the coming decades and gives access to sub-daily information.
  - output at hourly scales which is needed for some user applications, better informing future risk assessments.
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Dr Lizzie Kendon, climate scientist at the Met Office, said:

*“The level of spatial detail we are working with is 10 times finer than the resolution of previous model projections. What we’ve been able to do with the UK’s future climate is to model the impacts of extremely localised events, like the one in Boscastle in August 2004, which saw one month’s rainfall fall in just two hours on the Cornish coastal village: you just can’t capture these in coarser projections.”*

The science team behind the projections are confident that the enhanced detail of these cutting-edge projections – when viewed alongside other UKCP products – provides further comprehensive information on future climate change of key importance for local decision-making and planning.



If you have any queries relating to this newsletter, please contact the [Project Team](#).

Issued on behalf of Defra, BEIS and Environment Agency by the Met Office



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