



Transforming our understanding of flood and coastal erosion risk in England

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Understanding of flood and coastal erosion risk is vital to ensuring that policy makers, practitioners and communities are ready to adapt to a changing climate.

The Environment Agency is required to update our understanding of current and future flood and coastal erosion risk as part of our statutory roles under the 2010 Flood and Water Management Act.

We have spent the last 4 years working with inland and coastal local authorities across England to develop a new National Flood Risk Assessment (NaFRA) and a new National Coastal Erosion Risk Map (NCERM).

On 17 December 2024 we published our '[National assessment of flood and coastal erosion risk in England 2024](#)' report. The report is our explanation and picture of current and future flood and coastal erosion risk in England. It uses the headline national and regional data from the new NaFRA and new NCERM.

There are a variety of reasons for the changes in risk. The most notable being improved data and modelling methods for assessing the likely frequency of flooding. For the first time too, both NaFRA and NCERM are able to account for the latest UK Climate Projections.

The new NaFRA shows that around 6.3 million properties in England are in areas at risk of flooding from one or a combination of sources: rivers, the sea and surface water. Around 4.6 million of those properties are in areas at risk of flooding from surface water. The new NCERM shows that 3,500 properties are in areas at risk of coastal erosion in the period up to 2055.

At the end of January 2025 we will publish all the new NaFRA and NCERM data as open access on [GOV.UK](#). We will also update our digital services, including '[Check your long term flood risk](#)' and '[Check coastal erosion risk for an area in England](#)', to help our customers understand what this new information means for them at a local level.

In spring 2025 we will update our '[Flood map for planning](#)' digital service to assist planners and developers towards the most appropriate sites for development.

For additional information please see our [press notice](#) and [blog](#).