

# Research and analysis: Understanding the performance of flood forecasting models

Understanding the performance of the flood forecasting models operated in real-time by the Environment Agency, Natural Resources Wales and the national Flood Forecasting Centre is crucial to the informed use of model outputs for flood guidance across England and Wales. It is also essential to guide future strategic investment in flood incident management.

This report presents the results of the first nationwide analysis of the performance of the various flood forecasting models operated by local centres on the National Flood Forecasting System. The analysis is based on Wales and the English geographical regions that align to the old Environment Agency region names.