

Period: June 2016 – August 2016

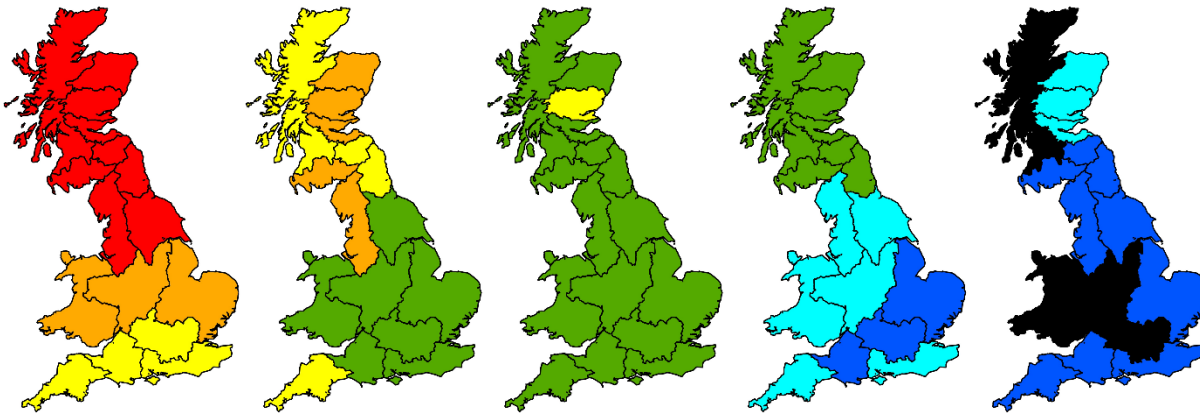
Issued on 03.06.2016 using data to the end of May

SUMMARY: This month, following below average May rainfall in Eastern Scotland and Northern England, it is likely that river flows in these regions will be in the *Normal range* or below. River flows in central and southern England are likely to be in the *Normal range* or above. There is also a high chance of *Above normal* and *Notably high* river flows in Anglian, Thames and Wessex following above average May rainfall in these regions.

Over the next 3 months

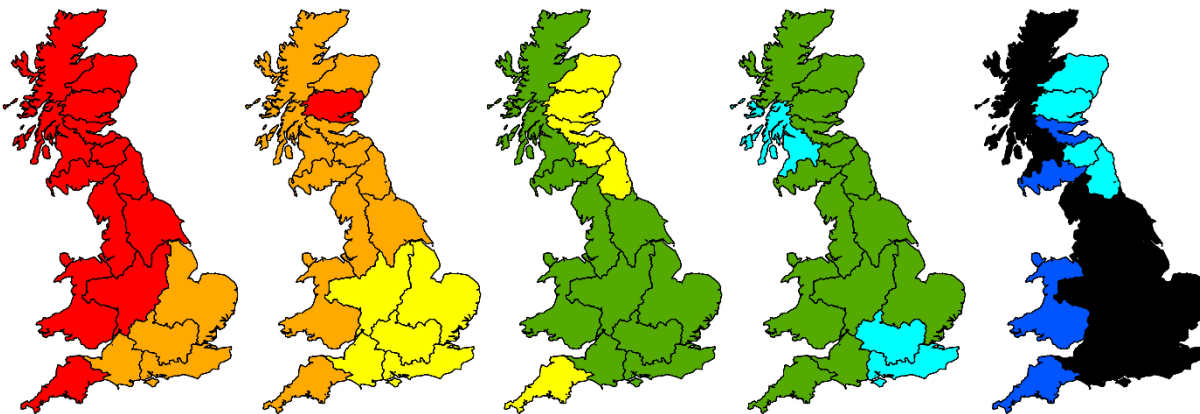
Across Britain there is a high chance of river flows being in the *Normal range* or below. River flows in Scotland, Yorkshire, North West England and Northumbria could be *Exceptionally low*. There is also a chance of *Above normal* flows in Anglian, Southern and Thames.

Lowest rainfall forecast 1st quartile Median 3rd quartile Highest rainfall forecast



1-month flow outlook

Lowest rainfall forecast 1st quartile Median 3rd quartile Highest rainfall forecast

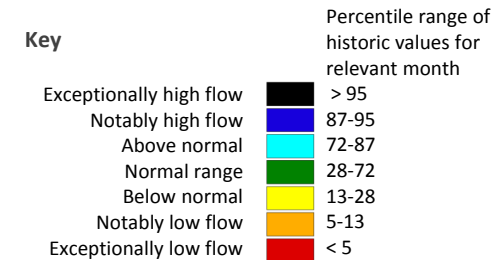


3-month flow outlook

These forecasts are produced by using five members of the Met Office rainfall forecast ensemble as input to a water balance hydrological model to provide the five estimates of river flows shown on the left for one month and three months ahead.

Regional forecast monthly-mean river flows are derived from the average of 1km river flow estimates within each region and ranked in terms of 49 years of historical flow estimates (1962 – 2010).

The five maps illustrate the wide range of possible flows and while there is a 50% chance of flows between the 1st and 3rd quartiles, actual flows may be more extreme than the flows derived using the highest or lowest rainfall forecasts.



SCOTLAND

- HR Highlands Region
- NER North East Region
- TR Tay Region
- FR Forth Region
- CR Clyde Region
- TWR Tweed Region
- SR Solway Region

ENGLAND

- N Northumbria
- NW North West
- Y Yorkshire
- ST Severn Trent
- A Anglian
- T Thames
- S Southern
- W Wessex
- SW South West

WALES

- WEL Welsh



NORTHERN IRELAND

This method cannot currently be used in Northern Ireland