

The maps illustrating the regional river flows for five members of the Met Office ensemble of rainfall forecasts give some indication of the range of possible river flows in the coming months. As noted previously, the actual flows could be more extreme than the flows generated by either the lowest or highest members of the rainfall ensemble.

The tables below give further insight into the range of river flow forecasts by considering all members of the forecast rainfall ensemble. The numbers in the tables are the percentage of ensemble forecasts falling in each of the flow categories as generated by the monthly-resolution water-balance model. As before results are averaged by region then ranked in terms of 49 years of historical regional flow estimates (1962 – 2010).

**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.

**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

1-month ahead	A	NW	N	ST	SW	S	T	Welsh	W	Y	CR	FR	HR	NER	SR	TR	TWR
Exceptionally high flow	0	0	0	2	0	0	2	2	0	0	2	0	2	0	0	0	0
Notably high flow	26	7	10	0	2	24	26	14	31	7	5	0	7	0	2	0	2
Above normal	21	21	14	36	29	14	19	12	17	26	14	2	12	12	21	2	5
Normal range	43	40	45	36	43	52	48	52	40	48	36	55	36	50	38	45	64
Below normal	7	5	17	14	26	10	5	10	12	10	24	17	24	12	10	21	2
Notably low flow	2	17	5	12	0	0	0	10	0	7	14	14	14	14	17	12	14
Exceptionally low flow	0	10	10	0	0	0	0	0	0	2	5	12	5	12	12	19	12

3-months ahead	A	NW	N	ST	SW	S	T	Welsh	W	Y	CR	FR	HR	NER	SR	TR	TWR
Exceptionally high flow	2	5	0	5	0	2	5	0	5	2	5	0	10	0	0	0	0
Notably high flow	7	0	0	0	5	2	5	5	5	2	7	2	2	0	5	0	0
Above normal	17	10	10	7	5	24	19	10	7	10	14	10	10	10	10	10	5
Normal range	33	43	38	48	33	45	43	45	43	45	31	31	38	33	45	26	33
Below normal	26	7	17	19	26	21	26	14	19	14	10	17	7	17	10	24	21
Notably low flow	14	24	12	19	29	5	2	24	21	17	12	17	12	29	7	5	19
Exceptionally low flow	0	12	24	2	2	0	0	2	0	10	21	24	21	12	24	36	21