

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 54 years of historical regional flow estimates (1963 – 2016).

**SUMMARY:** It is likely that October river flows will be in the *Normal range* or above. There's a greater than 50% chance that all regions (except the Tweed and Clyde Regions) will have river flows in the *Above normal*, *Notably high* or *Exceptionally high* categories.

**Over the next 3 months** it is likely that river flows will be in the *Normal range* or above.

### 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	0	0	0	0	2	0	0	2	7	2	26	2	2	0
Notably high flow	2	36	7	48	45	7	2	36	38	26	17	21	26	5	29	24	5
Above normal	57	26	48	17	24	48	52	31	17	36	24	24	24	33	21	29	33
Normal range	40	31	36	36	26	40	45	24	38	31	45	40	33	31	40	36	55
Below normal	0	2	5	0	5	5	0	7	7	7	7	2	7	5	2	10	7
Notably low flow	0	5	5	0	0	0	0	0	0	0	5	5	2	0	5	0	0
Exceptionally low flow	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0

3-months ahead	A	NW	N	ST	SW	S	T	Welsh	W	Y	CR	FR	HR	NER	SR	TR	TWR
Exceptionally high flow	0	10	2	19	19	0	5	19	5	5	2	5	12	2	5	0	0
Notably high flow	5	21	17	12	10	5	10	10	26	26	17	12	7	29	14	10	19
Above normal	50	26	24	33	36	33	38	29	24	26	21	29	12	26	36	45	17
Normal range	45	31	43	36	33	62	48	36	45	36	40	33	57	33	33	24	45
Below normal	0	10	14	0	2	0	0	7	0	7	12	21	7	10	10	21	19
Notably low flow	0	2	0	0	0	0	0	0	0	0	5	0	5	0	2	0	0
Exceptionally low flow	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0