

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: It is likely that March river flows will be in the *Normal range* or above for most of Britain.
Over the next 3 months it is likely that river flows in England will be in the *Normal* range or above. In Scotland it is likely that river flows will be in the *Normal range* or below.

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	10	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0
Notably high flow	0	7	10	17	0	0	0	12	0	15	10	7	10	0	17	0	17
Above normal	12	27	12	24	17	12	10	37	17	12	32	32	17	10	24	17	20
Normal range	78	46	66	49	71	76	78	44	73	63	49	39	63	59	49	71	54
Below normal	10	10	5	10	12	2	12	7	10	10	10	12	10	20	5	12	10
Notably low flow	0	0	7	0	0	10	0	0	0	0	0	0	0	2	5	0	0
Exceptionally low flow	0	0	0	0	0	0	0	0	0	0	0	0	0	10	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notably high flow	0	5	5	0	0	0	0	3	0	0	0	5	3	5	0	0	5
Above normal	15	13	20	18	5	18	23	3	15	28	5	10	5	13	15	15	18
Normal range	75	65	68	68	78	65	58	83	70	65	70	65	73	30	63	48	63
Below normal	10	13	3	10	13	13	20	8	10	3	20	15	15	35	18	30	10
Notably low flow	0	5	5	5	5	5	0	5	5	5	5	5	5	13	5	3	0
Exceptionally low flow	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5