

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 February river flows will be in the *Normal range* or below for eastern Britain and in the *Normal range* or above for western Britain.

Over the next 3 months it is likely that this pattern persists.

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	2	2	2	2	0	0	2	0	0	2	0	2	2	2	0	0
Notably high flow	5	5	2	10	5	5	5	7	7	7	7	7	2	5	19	5	5
Above normal	5	26	12	17	14	17	17	19	17	19	33	21	36	2	7	10	10
Normal range	57	45	57	60	67	50	52	60	64	48	43	45	33	50	55	60	50
Below normal	17	17	14	7	5	21	24	7	10	14	7	17	14	14	12	14	19
Notably low flow	14	2	5	2	7	5	2	2	2	5	5	5	2	10	2	5	10
Exceptionally low flow	2	2	7	2	0	2	0	2	0	7	2	5	10	17	2	7	7

3-months ahead	A	NW	N	ST	SW	S	T	Welsh	W	Y	CR	FR	HR	NER	SR	TR	TWR
Exceptionally high flow	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notably high flow	0	2	5	0	5	0	5	5	5	5	10	5	0	0	7	5	5
Above normal	5	21	17	26	14	5	14	21	21	17	19	21	26	7	26	2	14
Normal range	81	60	36	60	67	67	62	55	64	62	57	45	60	38	38	64	26
Below normal	7	7	29	10	7	21	17	14	5	7	7	21	7	26	21	14	26
Notably low flow	7	2	10	2	5	5	2	2	5	5	5	2	5	19	2	7	19
Exceptionally low flow	0	5	5	2	2	2	0	2	0	5	2	5	2	10	5	7	10