

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 October rainfall for much of the UK it is likely that October river flows will be in the *Normal range* for October.

Over the next 3 months

There is a high chance of river flows being *Normal* or above for all regions.

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	5	0	0	0	0	0	2	0	5	5	0	7	0	2	0	0
Notably high flow	5	7	7	5	7	0	0	2	5	7	7	5	5	5	5	5	0
Above normal	2	5	12	15	20	17	12	17	7	20	7	2	5	7	5	12	7
Normal range	78	68	68	59	61	78	66	56	66	59	61	71	61	66	71	61	66
Below normal	10	5	2	17	7	2	20	10	17	5	10	10	10	7	7	12	15
Notably low flow	5	5	7	2	2	2	2	2	2	2	5	2	7	10	5	5	10
Exceptionally low flow	0	5	2	2	2	0	0	10	2	2	5	10	5	5	5	5	2

3-months ahead	A	NW	N	ST	SW	S	T	Welsh	W	Y	CR	FR	HR	NER	SR	TR	TWR
Exceptionally high flow	0	3	0	0	5	0	0	0	0	8	0	0	5	0	0	0	0
Notably high flow	8	10	13	8	5	8	3	8	8	3	10	8	13	8	8	8	0
Above normal	5	10	8	13	38	31	10	13	15	33	28	5	13	5	26	13	8
Normal range	69	62	62	62	36	54	69	64	62	41	46	69	54	69	51	64	74
Below normal	13	10	10	8	10	5	13	8	13	10	10	13	8	0	10	10	10
Notably low flow	5	0	8	10	5	3	5	3	3	5	5	0	8	18	5	5	8
Exceptionally low flow	0	5	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0