

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: Following above average rainfall for May in many regions of southern Britain, it is likely that river flows for June will be in the *Normal range* or above. After below average rainfall in many parts of northern Britain, river flows are likely to be in the *Normal range* or below.

Over the next 3 months it is likely that that river flows will be in the *Normal range* or below 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	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0
Notably high flow	7	5	2	2	2	2	2	7	19	2	2	0	0	0	0	0	2
Above normal	24	14	5	26	40	12	17	7	24	14	12	2	12	2	17	2	2
Normal range	55	50	43	50	43	71	64	69	45	52	36	40	36	43	50	40	57
Below normal	7	14	31	10	12	7	10	5	5	17	36	26	33	24	17	14	17
Notably low flow	2	10	5	7	2	0	0	5	5	7	7	17	10	17	7	21	10
Exceptionally low flow	5	7	14	5	0	7	7	7	2	7	7	14	7	14	7	21	12

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