

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).

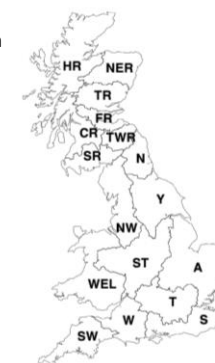
SUMMARY: It is likely that May river flows will be *Below normal* or lower for much of Britain.
Over the next 3 months it is likely that that river flows will be in the *Normal* range or below.

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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Notably high flow | 0 | 0 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 |
| Above normal | 5 | 5 | 7 | 5 | 2 | 0 | 2 | 7 | 0 | 7 | 5 | 2 | 2 | 2 | 5 | 0 | 2 |
| Normal range | 10 | 33 | 31 | 19 | 40 | 12 | 12 | 26 | 17 | 31 | 12 | 14 | 29 | 10 | 26 | 14 | 26 |
| Below normal | 38 | 14 | 40 | 33 | 40 | 21 | 19 | 29 | 26 | 33 | 36 | 21 | 19 | 36 | 26 | 29 | 33 |
| Notably low flow | 43 | 43 | 10 | 14 | 10 | 40 | 48 | 21 | 50 | 19 | 40 | 19 | 36 | 33 | 38 | 40 | 24 |
| Exceptionally low flow | 5 | 5 | 7 | 29 | 5 | 26 | 19 | 17 | 7 | 10 | 7 | 43 | 7 | 14 | 5 | 17 | 10 |

| 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 | 7 | 0 | 0 | 0 | 0 |
| Notably high flow | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 5 | 0 | 7 | 0 | 2 | 0 | 0 |
| Above normal | 0 | 10 | 5 | 7 | 12 | 0 | 0 | 0 | 2 | 2 | 5 | 2 | 12 | 7 | 10 | 2 | 5 |
| Normal range | 29 | 38 | 43 | 33 | 43 | 31 | 26 | 38 | 24 | 43 | 31 | 36 | 31 | 33 | 40 | 33 | 36 |
| Below normal | 40 | 7 | 12 | 29 | 24 | 10 | 26 | 14 | 29 | 12 | 14 | 14 | 17 | 17 | 10 | 17 | 14 |
| Notably low flow | 31 | 14 | 31 | 12 | 21 | 14 | 19 | 26 | 17 | 14 | 19 | 5 | 5 | 24 | 19 | 19 | 21 |
| Exceptionally low flow | 0 | 29 | 7 | 19 | 0 | 45 | 29 | 19 | 29 | 26 | 26 | 43 | 21 | 19 | 19 | 29 | 24 |