Weekly rainfall and river flow summary

Wednesday 4 June to Tuesday 10 June 2025

1 Summary

It was a wet week across England, with the wettest conditions in the north-west. River flows increased at just over half of river flow sites, and almost half were classed as normal for the time of year.

1.1 Rainfall

It was a wet week across England, with rainfall totals ranging from 16mm in central England to 36mm in north-west England (Table 1 and Figure 2). So far in June, all regions have received more than a third of the long term average (LTA) for the month. The north-west has been the wettest region to date in June, having already received 63% of the LTA (54mm of rainfall). For England as a whole, 28mm of rainfall has been received in June so far, which represents 43% of the LTA for the month. (Table 1)

1.2 River flows

River flows increased at just over half of the river flow sites we report on compared to the previous week, including almost all the sites in north-east and north-west England. Almost half of sites (26 sites, 47% of the total) were classed as normal for the time of year, the majority of which were in south-east and south-west England. Nine sites (16%) were classed as above normal or higher, including 4 sites (7%) in north-west and north-east England that were classed as exceptionally high for the time of year. Fourteen sites (25%) were classed as below normal for the time of year and 5 sites (9%) were classed as notably low. Heaton Mill on the River Till in north-east England was the only site to be classed as exceptionally low for the time of year. (Figure 3.1)

1.3 Outlook

Rain is expected to move north and east through Thursday, with brighter spells expected to follow with warm and humid conditions. It will remain warm and humid on Friday, with a spell of heavy and thundery rain developing later in the day. Saturday and Sunday are expected to be changeable, with some rain and generally fresher conditions. High pressure is expected to move in on Monday, bringing settled, fair weather for many.

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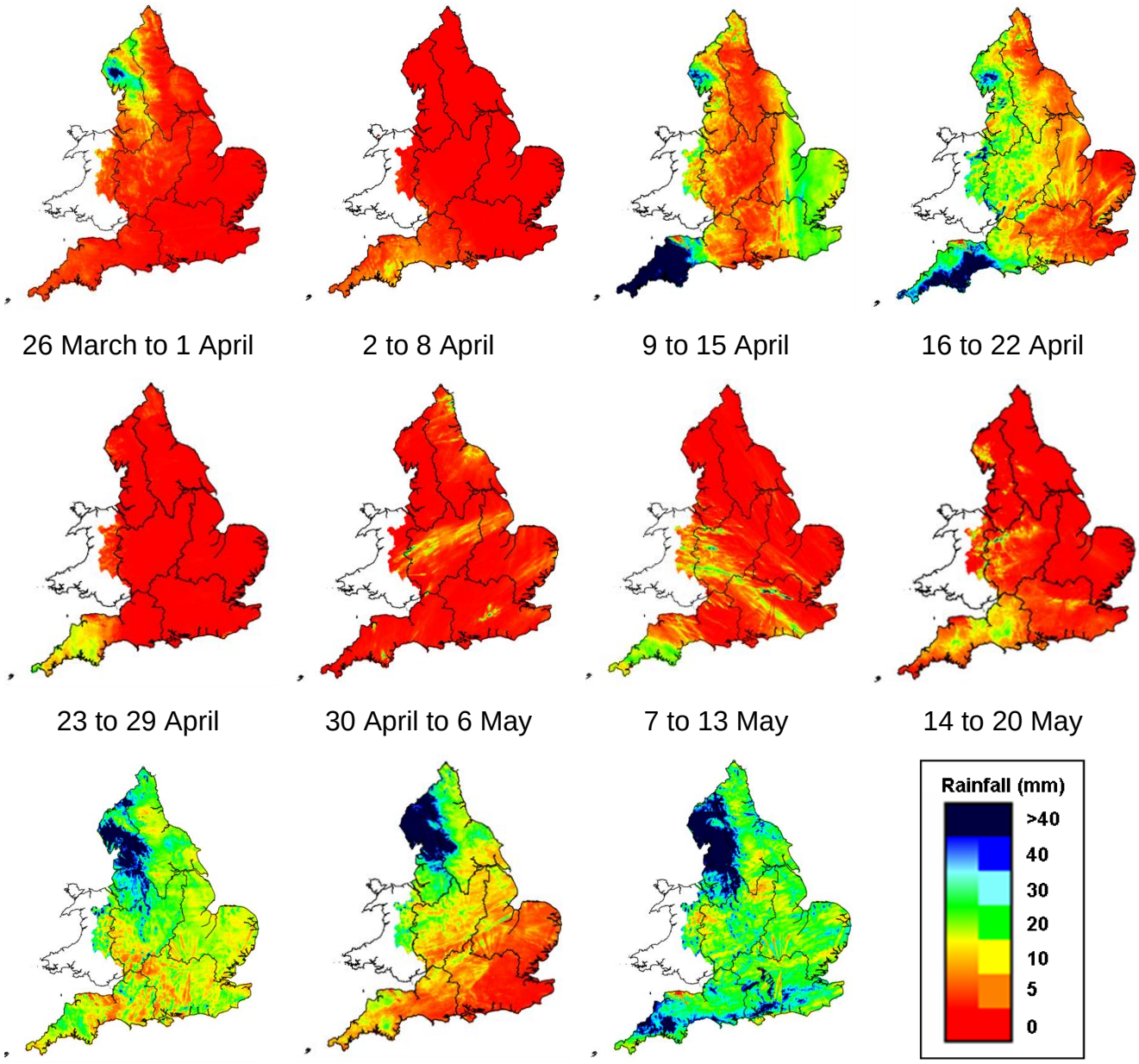
Table 1: Latest rainfall summary information (Source: Met Office © Crown Copyright, 2025)

Geographic regions	4 to 10 Jun 2025 total rainfall (mm)	Jun 2025 to date total rainfall (mm)	Jun 2025 to date rainfall % of LTA	May 2025 total rainfall (mm)	May 2025 rainfall % of LTA	Last 3 months Mar to May 2025 total rainfall (mm)	Last 3 months Mar to May 2025 rainfall % of LTA	Last 6 months Dec 2024 to May 2025 total rainfall (mm)	Last 6 months Dec 2024 to May 2025 rainfall % of LTA	Last 12 months Jun 2024 to May 2025 total rainfall (mm)	Last 12 months Jun 2024 to May 2025 rainfall % of LTA
north-west	36	54	63	69	93	124	53	455	75	1,096	86
north-east	19	28	38	36	64	72	41	283	68	686	77
central	16	23	36	30	53	64	40	265	74	702	92
east	17	20	36	24	51	51	40	199	71	526	83
south-east	20	24	45	20	37	51	34	267	72	720	93
south-west	23	29	42	33	51	118	56	434	80	1,025	94
England	21	28	43	33	57	76	44	303	73	762	88

Notes: Long term average (LTA) rainfall for 1991 to 2020. Data for the current month are calculated using MORECS (Met Office Rainfall and Evaporation Calculation System); data for past months are provisional values from the National Climate Information Centre (NCIC). The data are rounded to the nearest millimetre or percent except when values are less than 1. Recorded amounts of rainfall are likely to be underestimated during snow events.

2 Rainfall

Figure 2: Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar
Note: Images may sometimes include straight lines originating from the centre of the radar, resulting from tall trees and buildings located near the radar installation affecting its performance. This does not reflect actual conditions on the ground.



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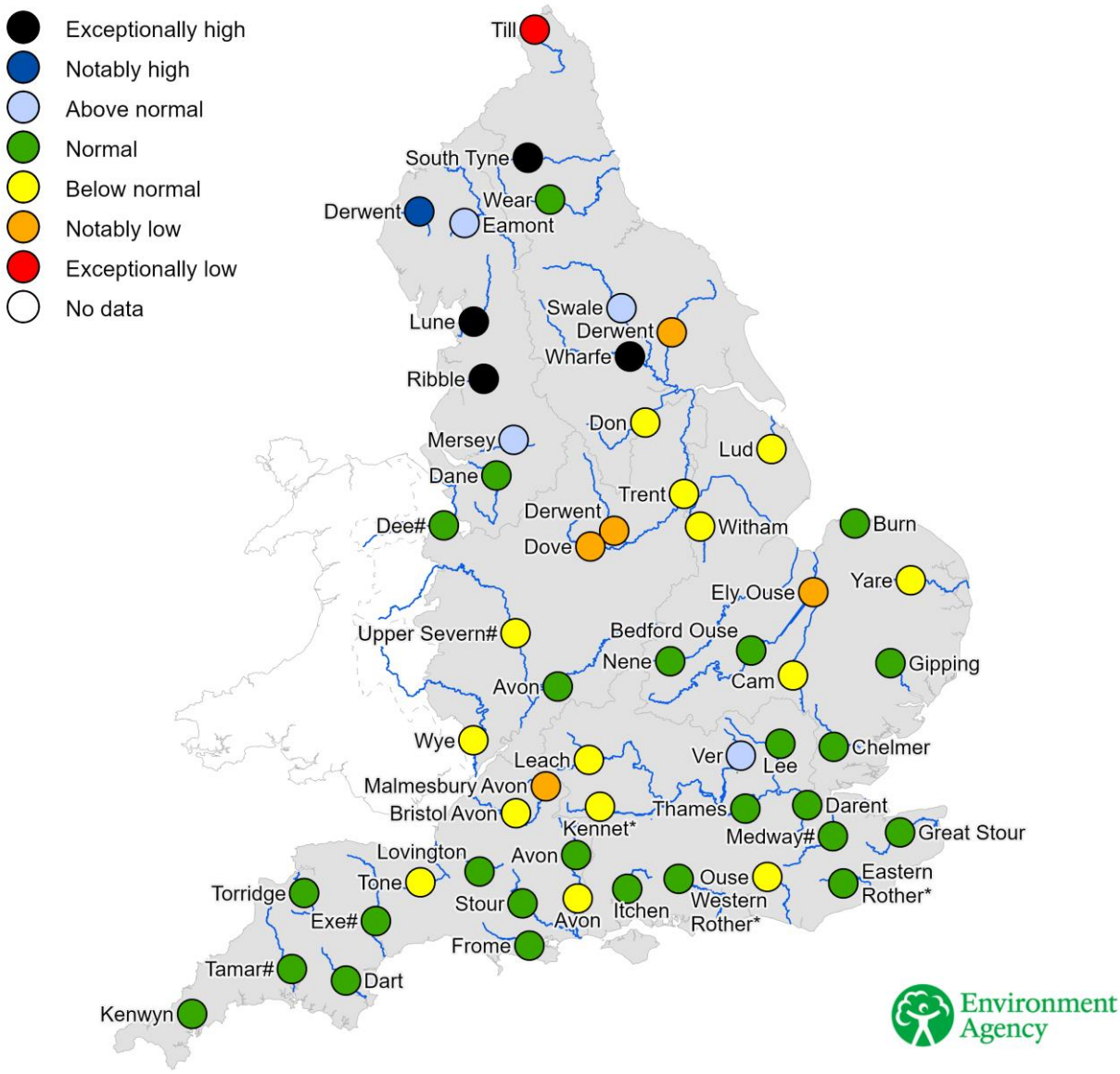
3 River flows

3.1 River flows map

Figure 3.1: Latest daily mean river flow, relative to an analysis of historic daily mean flows, classed by flow percentile for the same time of year. River flows for the River Thames at Kingston and the River Lee at Feildes Weir are naturalised. * Flows may be overestimated and data should be treated with caution. # Flows may be impacted by upstream reservoir releases.



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3.2 River flow categories

Exceptionally high	Value likely to fall within this band 5% of the time
Notably high	Value likely to fall within this band 8% of the time
Above normal	Value likely to fall within this band 15% of the time
Normal	Value likely to fall within this band 44% of the time
Below normal	Value likely to fall within this band 15% of the time
Notably low	Value likely to fall within this band 8% of the time
Exceptionally low	Value likely to fall within this band 5% of the time