

Weekly rainfall and river flow summary

Wednesday 9 April to Tuesday 15 April 2025

1 Summary

It has been a wetter week for many parts of England, particularly the south-west which has now received 50% of the long term average (LTA) rainfall for April. For England as a whole, just 21% of the LTA has been received so far this month. River flows increased at just over half of the sites we report on following the rainfall, but the majority were classed as normal or lower for the time of year.

1.1 Rainfall

It was a wetter week across England, particularly in the south-west and east. Rainfall totals for the week ranged from 4mm in central England to 28mm in south-west England. (Table 1 and Figure 1). After a dry start to the month, rainfall totals for April so far are mixed, with north-east and central England having received less than 10% of the LTA, while the south-west has now received 50% of the LTA for the time of year. For England as a whole, 21% of the LTA has been received (Table 1).

1.2 River flows

Following rainfall in many areas, river flows increased at just over half of the sites we report on compared to the previous week. With wet weather arriving after an extended period of dry conditions, river flows were mixed across England, although the majority remain normal or lower for the time of year. Five sites (9% of the total) were classed as exceptionally high for the time of year, and 6 (11%) were classed as above normal, all of which are in south-west, south-east and east England. A third of sites (16 in total) were classed as normal for the time of year. Eight sites (15%) were below normal, 22% (12 sites) were notably low, and 7 sites (13%), predominately across central and northern England were exceptionally low for the time of year.

1.3 Outlook

Thursday is expected to bring sunshine and warmer temperatures for many, with a few showers. Friday to Sunday is likely to see more unsettled, changeable conditions with spells of rain, particularly in western areas. Sunnier intervals are expected, with temperatures remaining around average for the time of year. Unsettled weather with frequent showers is expected to remain for Monday.

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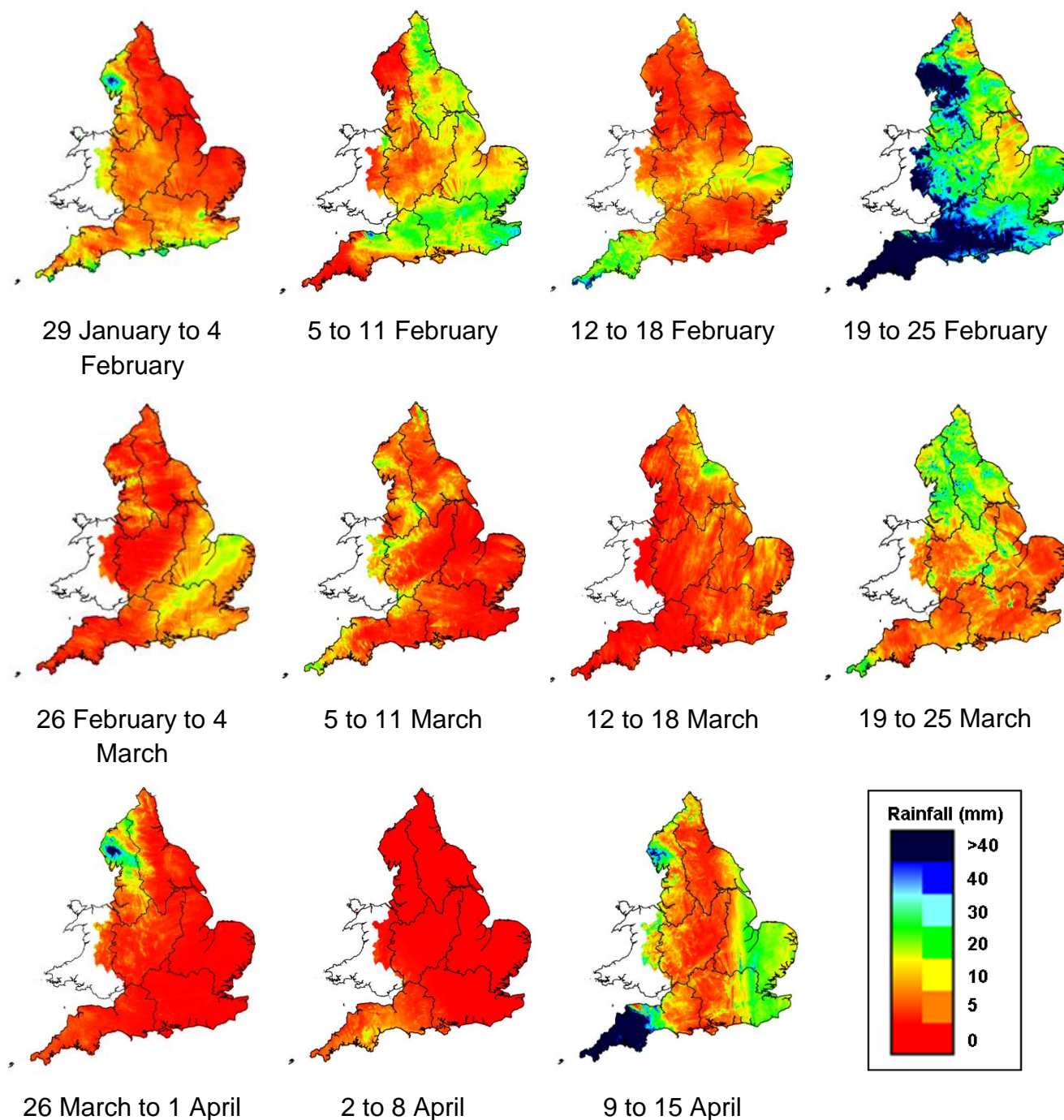
Table 1: Latest rainfall summary information (Source: Met Office © Crown Copyright, 2025)

Geographic regions	9 to 15 Apr 2025 total rainfall (mm)	Apr 2025 to date total rainfall (mm)	Apr 2025 to date rainfall % of LTA	Mar 2025 total rainfall (mm)	Mar 2025 rainfall % of LTA	Last 3 months Jan to Mar 2025 total rainfall (mm)	Last 3 months Jan to Mar 2025 rainfall % of LTA	Last 6 months Oct 2024 to Mar 2025 total rainfall (mm)	Last 6 months Oct 2024 to Mar 2025 rainfall % of LTA	Last 12 months Apr 2024 to Mar 2025 total rainfall (mm)	Last 12 months Apr 2024 to Mar 2025 rainfall % of LTA
north-west	10	10	14	31	33	191	66	573	86	1,263	106
north-east	5	5	9	26	38	137	66	371	83	828	99
central	4	4	8	13	23	133	76	370	99	802	111
east	12	12	26	7	15	99	73	262	88	610	102
south-east	7	7	14	7	11	170	94	388	97	821	112
south-west	28	31	50	11	13	259	91	587	97	1,103	108
England	11	12	21	15	22	160	78	409	92	870	106

Notes: Long term average (LTA) rainfall for 1961 to 1990. 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.

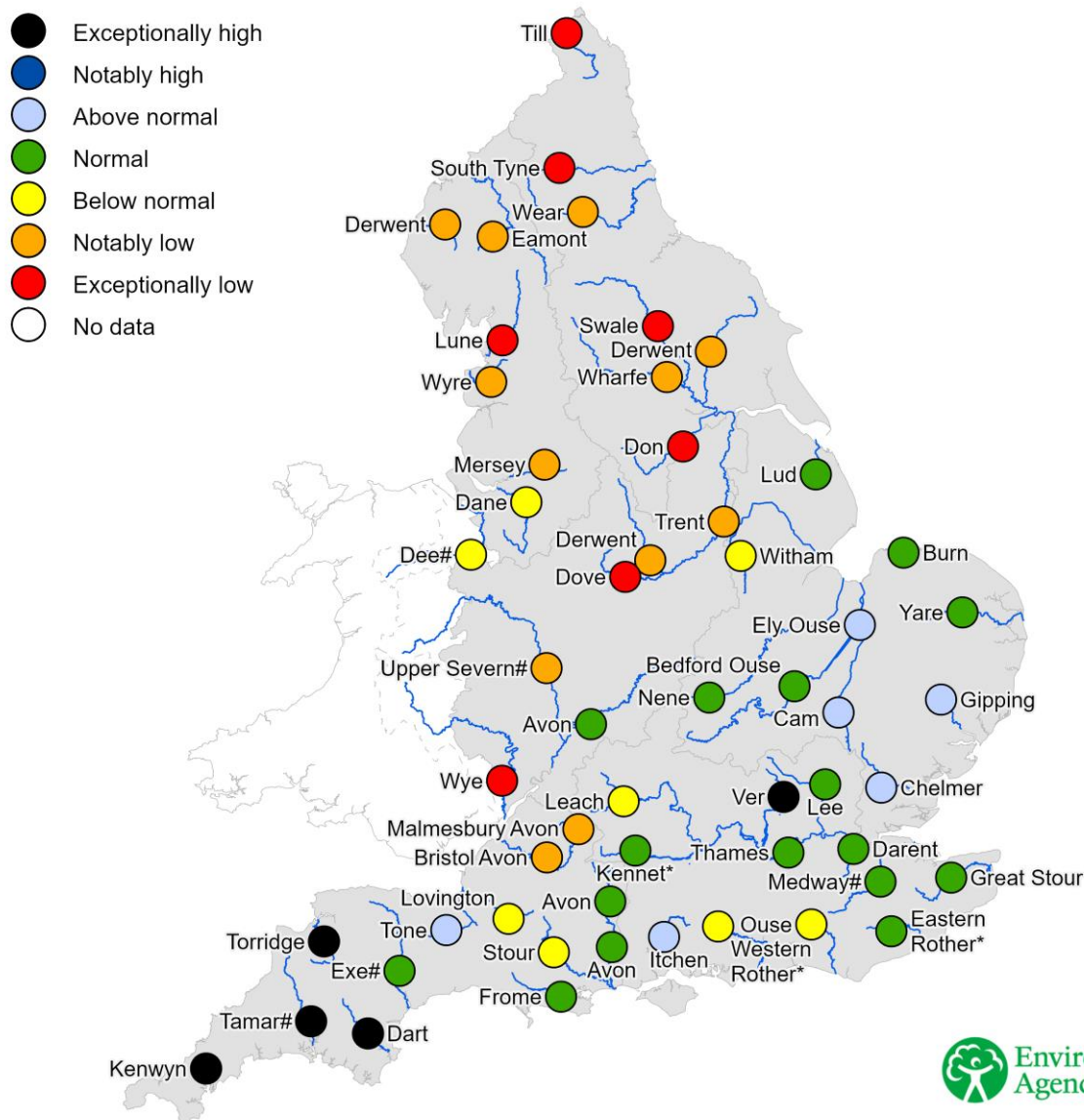


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3 River flows

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