

Weekly rainfall and river flow summary

Wednesday 16 April to Tuesday 22 April 2025

1 Summary

It has been a slightly wetter week across most of England apart from in the east which has been drier. Although rainfall increased in most areas, river flows decreased at two-thirds of the sites we report on compared to the previous week.

1.1 Rainfall

It has been a slightly wetter week across most of England apart from in the east which has been drier. Rainfall totals for the week ranged from 6mm in north-east England to 37mm in south-west England (Table 1 and Figure 1). Rainfall totals for April so far range from 19% of the LTA (long term average) in north-east England to 110% of the LTA in south-west England. For England as a whole, April rainfall totals to date are 51% of the LTA (Table 1).

1.2 River flows

Although rainfall increased in most areas, river flows decreased at 68% of the sites we report on compared to the previous week. River flows were mixed across England with the majority at normal or lower for the time of year. One site (2% of the total) was classed as exceptionally high for the time of year, 2 (4%) were classed as notably high and 4 (7%) were classed as above normal. Eighteen sites (a third of the total) were classed as normal for the time of year. Fifteen sites (27%) were below normal, 10 sites (18%) were notably low, and 5 sites (9%), were exceptionally low for the time of year.

1.3 Outlook

Thursday will have a dull start in eastern and central areas, with some patchy drizzle. It will feel warm in the west with bright spells from the west spreading eastwards throughout the day. A dry start on Friday, but rain will slowly spread eastwards, bringing rain or showers more widely on Saturday. Drier and warmer in the south on Sunday.

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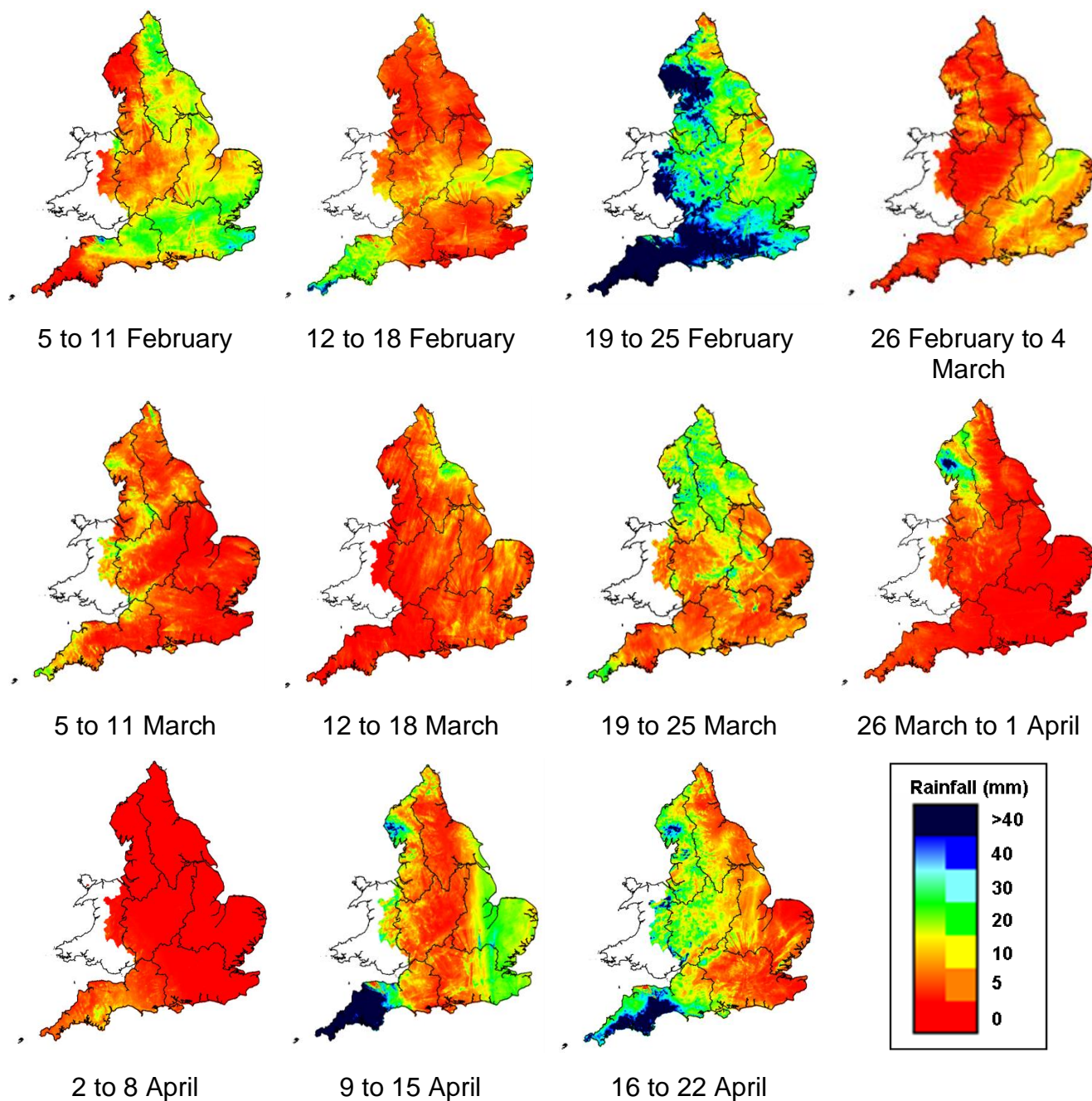
Table 1: Latest rainfall summary information (Source: Met Office © Crown Copyright, 2025)

Geographic regions	16 to 22 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	16	26	37	31	33	191	66	573	86	1,263	106
north-east	6	11	19	26	38	137	66	371	83	828	99
central	20	24	45	13	23	133	76	370	99	802	111
east	9	21	46	7	15	99	73	262	88	610	102
south-east	16	24	46	7	11	170	94	388	97	821	112
south-west	37	68	110	11	13	259	91	587	97	1,103	108
England	17	29	51	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.

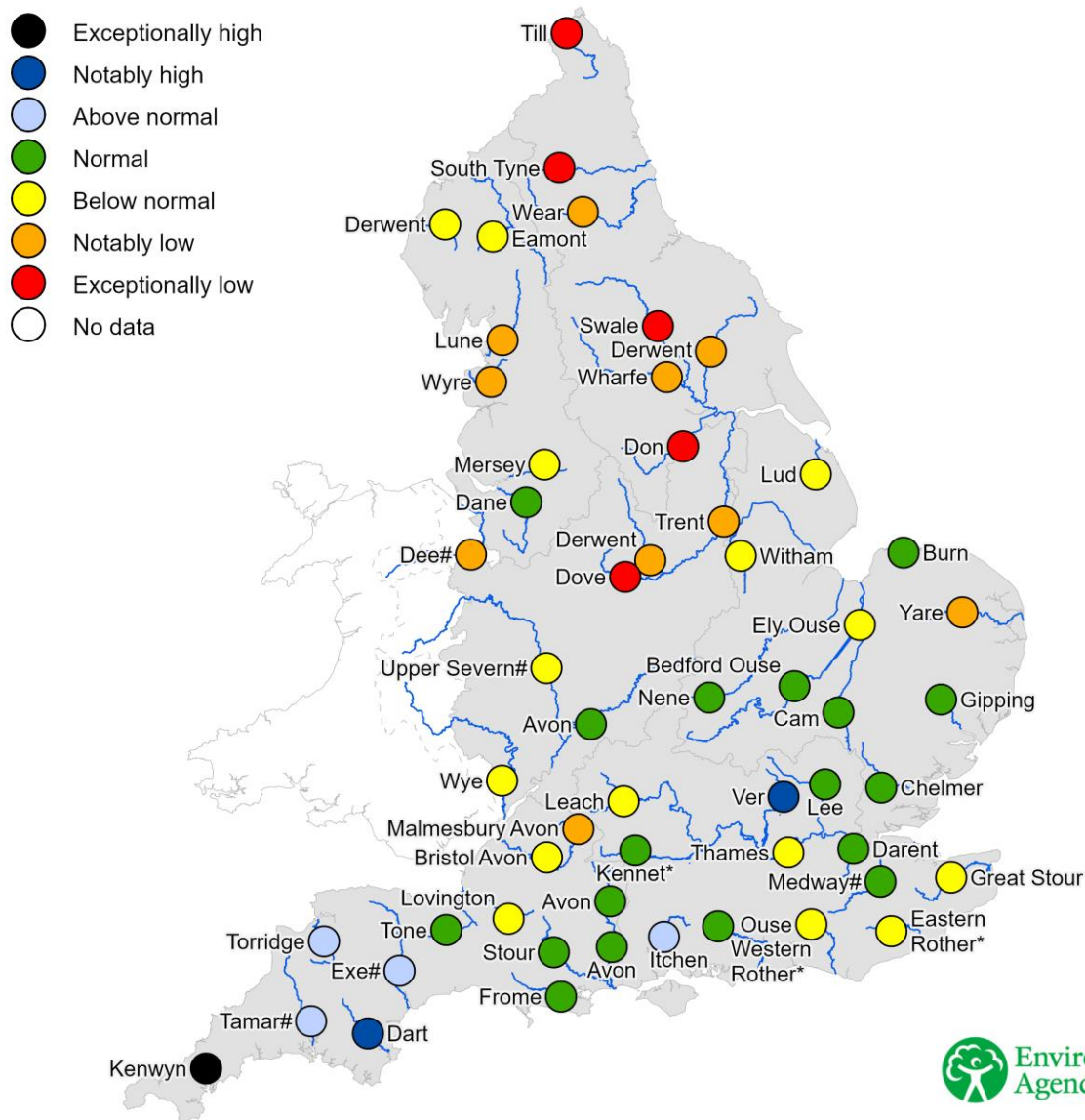


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3 River flows

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