

Weekly rainfall and river flow summary

Wednesday 8 January to Tuesday 14 January 2025

1 Summary

It has been a much drier week across the whole of England compared with the previous week. River flows decreased at four-fifths of our reporting sites with flows at nearly all sites classed as normal or higher for the time of year.

1.1 Rainfall

It has been a much drier week across the whole of England compared with the previous week, particularly in central and east England. Rainfall totals ranged from less than 1mm in central and east England to 9mm in north-west England (Table 1 and Figure 1). Rainfall totals for the month of January so far range from 43% of the long term average (LTA) in north-west England to 70% of the LTA in south-east England (Table1).

1.2 River flows

River flows decreased at the vast majority of the sites we report on compared to the previous week. River flows at 95% of sites are now classed as normal or higher for the time of year. Thirty-four sites (62%) were classed as normal for the time of year, 7 sites (13%) were classed as above normal, 7 sites (13%) were classed as notably high and 4 sites (7%), across north and south-east England were classed as exceptionally high for the time of year. Three sites (5%), located in south-west and east England were classed as below normal for the time of year (Figure 2).

1.3 Outlook

Early fog on Thursday in south-west and central England will lift with largely dry conditions across the country with some sunny spells, this should continue into Friday. The weekend will again remain dry with a mix of cloud and periods of sunshine particularly in north-east and east England. Some light rain in north-west England is forecast for Monday but generally it will be dry again elsewhere and into Tuesday.

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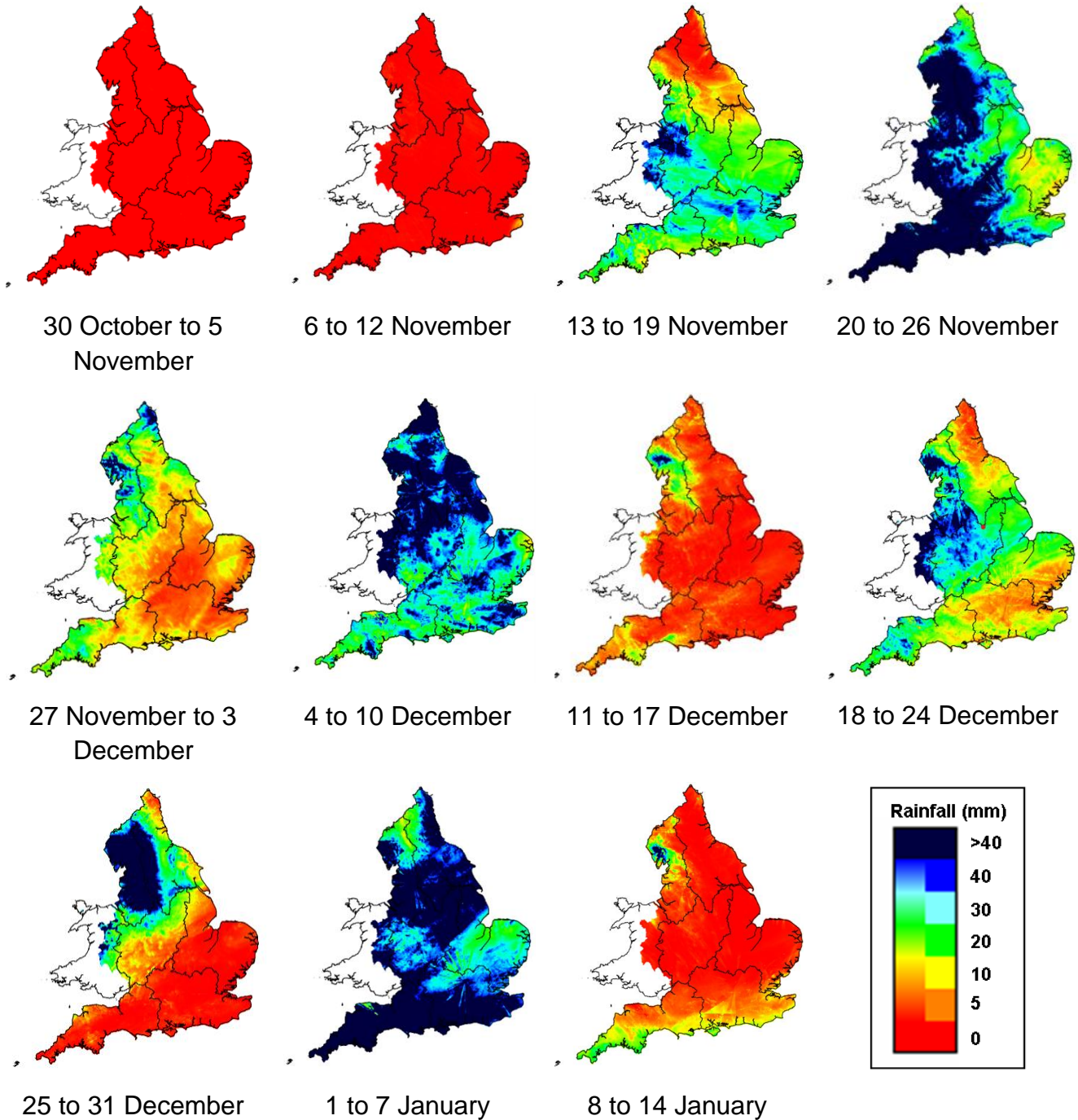
Table 1: Latest rainfall summary information (Source: Met Office © Crown Copyright, 2025)

Geographic regions	8 to 14 Jan 2025 total rainfall (mm)	Jan 2025 to date total rainfall (mm)	Jan 2025 to date rainfall % of LTA	Dec 2024 total rainfall (mm)	Dec 2024 rainfall % of LTA	Last 3 months Oct to Dec 2024 total rainfall (mm)	Last 3 months Oct to Dec 2024 rainfall % of LTA	Last 6 months Jul to Dec 2024 total rainfall (mm)	Last 6 months Jul to Dec 2024 rainfall % of LTA	Last 12 months Jan to Dec 2024 total rainfall (mm)	Last 12 months Jan to Dec 2024 rainfall % of LTA
north-west	9	50	43	171	139	382	102	742	109	1,495	125
north-east	5	40	50	100	123	234	98	459	102	954	114
central	<1	43	66	81	112	237	119	487	129	940	130
east	<1	33	64	56	102	164	100	356	112	714	119
south-east	4	51	70	52	69	218	99	487	125	959	131
south-west	8	69	60	68	58	328	102	632	116	1,298	127
England	4	47	58	82	98	249	103	507	115	1,019	124

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.

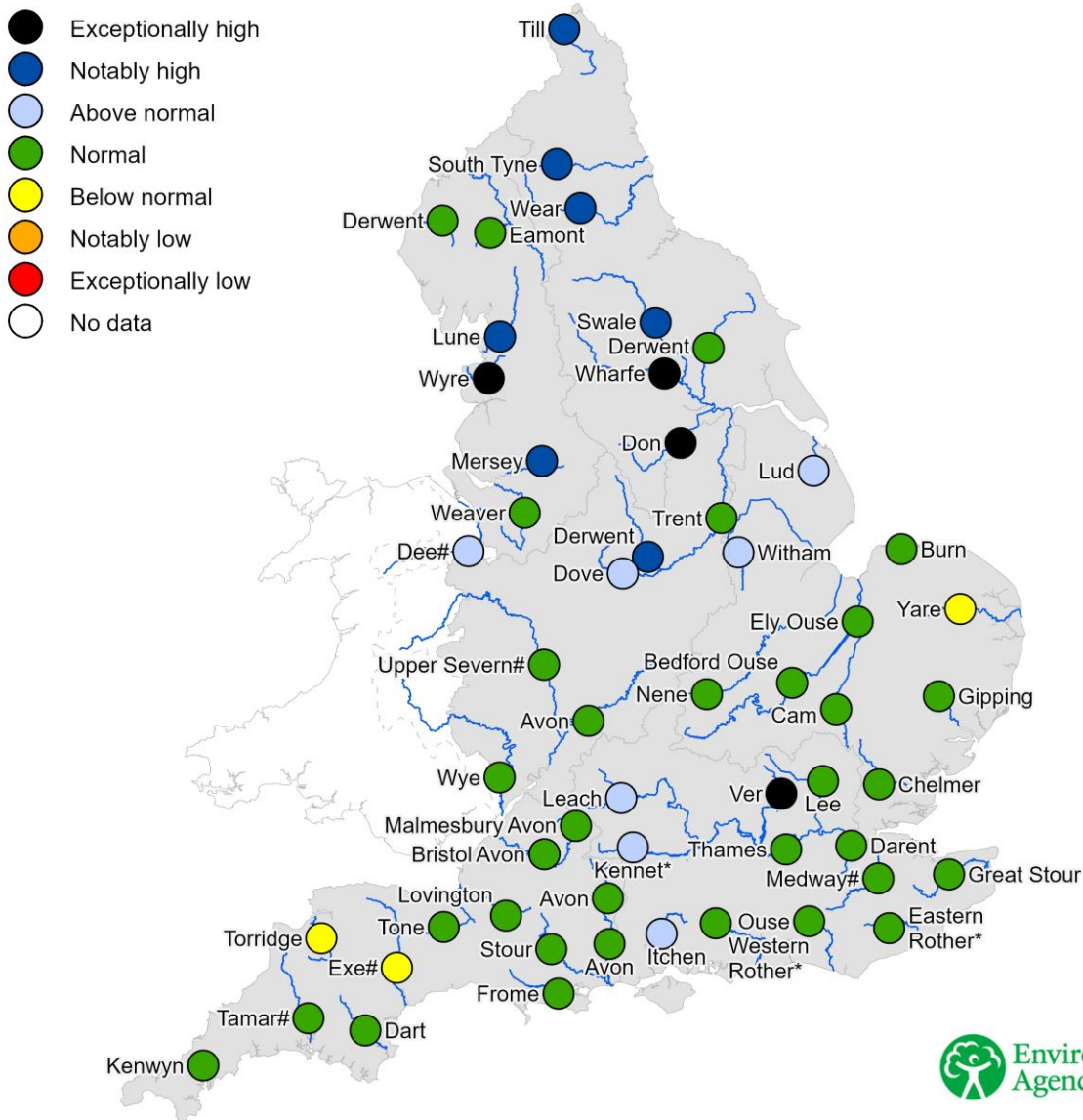


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3 River flows

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