

Weekly rainfall and river flow summary

Wednesday 29 January to Tuesday 4 February 2025

1 Summary

It has been a much drier week across the whole of England compared to the previous week. River flows decreased at majority of our reporting sites while flows at nearly all sites remained normal or higher for the time of year.

1.1 Rainfall

It has been a much drier week across the whole of England compared to the previous week, with rainfall totals ranging from 4mm in north-east and east England to 12mm in north-west England (Table 1 and Figure 1). Rainfall totals for the month of January ranged from 85% of the long term average (LTA) in the north-west to 143% of the LTA in south-east England (Table 1).

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 96% of our reporting sites remained normal or higher for the time of year. Forty-six sites (84%) were classed as normal for the time of year, 4 sites (7%) were classed as above normal and 3 sites (5%) were classed as notably high for the time of year. Two sites (4%), located in the north-east were classed as below normal for the time of year. (Figure 2).

1.3 Outlook

On Thursday, dry and settled conditions are forecast with sunny skies across most part of England; while some patchy clouds are expected towards the south and across central parts. Cold winds are expected through Friday and the weekend will be cloudy with some wintry showers across much of England. Cloudy conditions with breezy winds from the east or south east are forecast on Monday and Tuesday.

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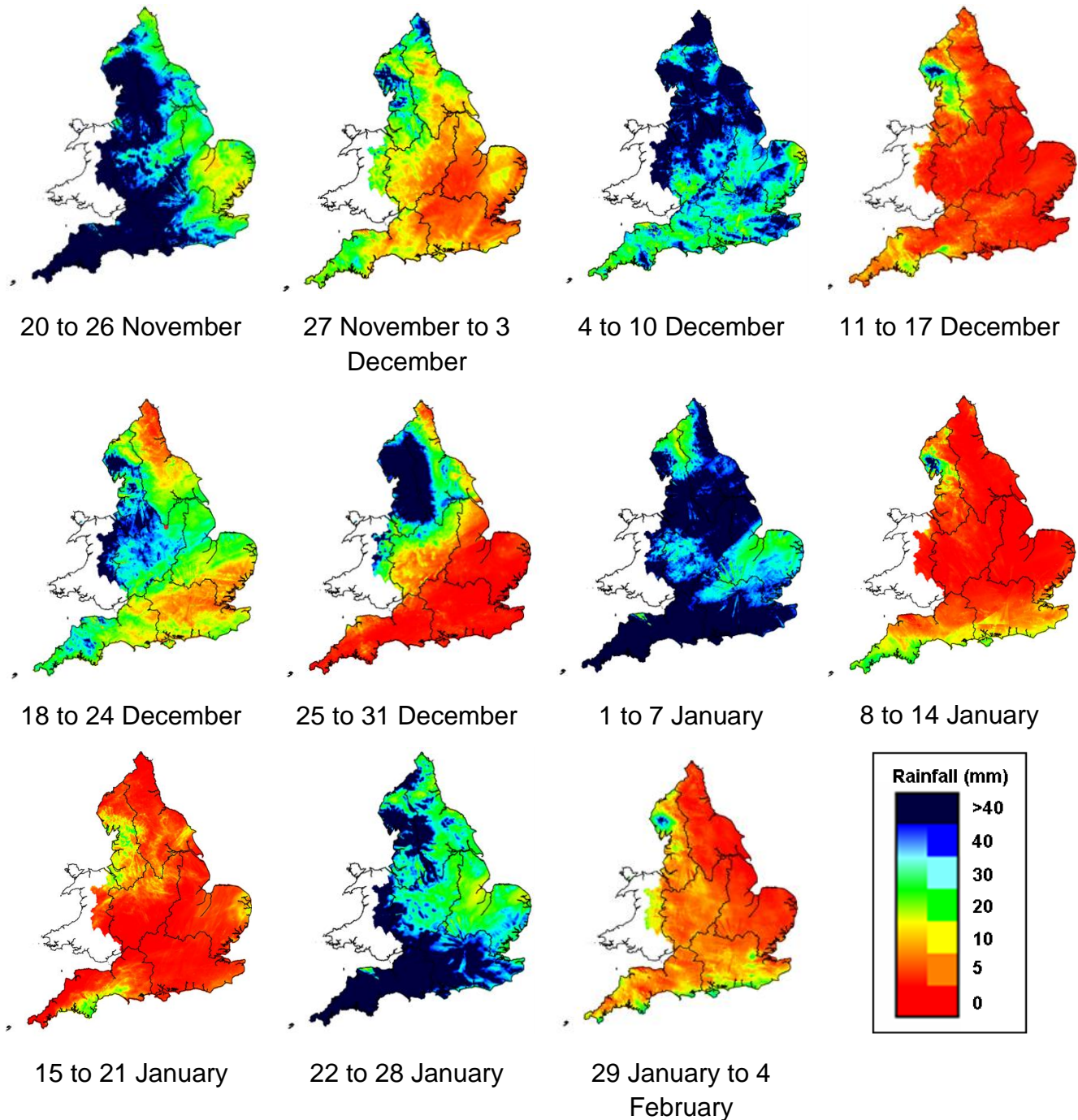
Table 1: Latest rainfall summary information (Source: Met Office © Crown Copyright, 2025)

Geographic regions	29 Jan to 4 Feb 2025 total rainfall (mm)	Feb 2025 to date total rainfall (mm)	Feb 2025 to date rainfall % of LTA	Jan 2025 total rainfall (mm)	Jan 2025 rainfall % of LTA	Last 3 months Nov 2024 to Jan 2025 total rainfall (mm)	Last 3 months Nov 2024 to Jan 2025 rainfall % of LTA	Last 6 months Aug 2024 to Jan 2025 total rainfall (mm)	Last 6 months Aug 2024 to Jan 2025 rainfall % of LTA	Last 12 months Feb 2024 to Jan 2025 total rainfall (mm)	Last 12 months Feb 2024 to Jan 2025 rainfall % of LTA
north-west	12	8	11	100	85	355	98	751	105	1,434	120
north-east	4	3	5	73	91	219	89	451	96	928	111
central	6	2	3	82	125	237	116	501	128	963	134
east	4	<1	2	57	112	165	100	342	107	721	120
south-east	9	<1	2	103	143	239	108	516	125	989	135
south-west	10	2	3	156	136	351	103	693	116	1,355	133
England	7	3	4	93	116	251	102	521	112	1,027	125

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.

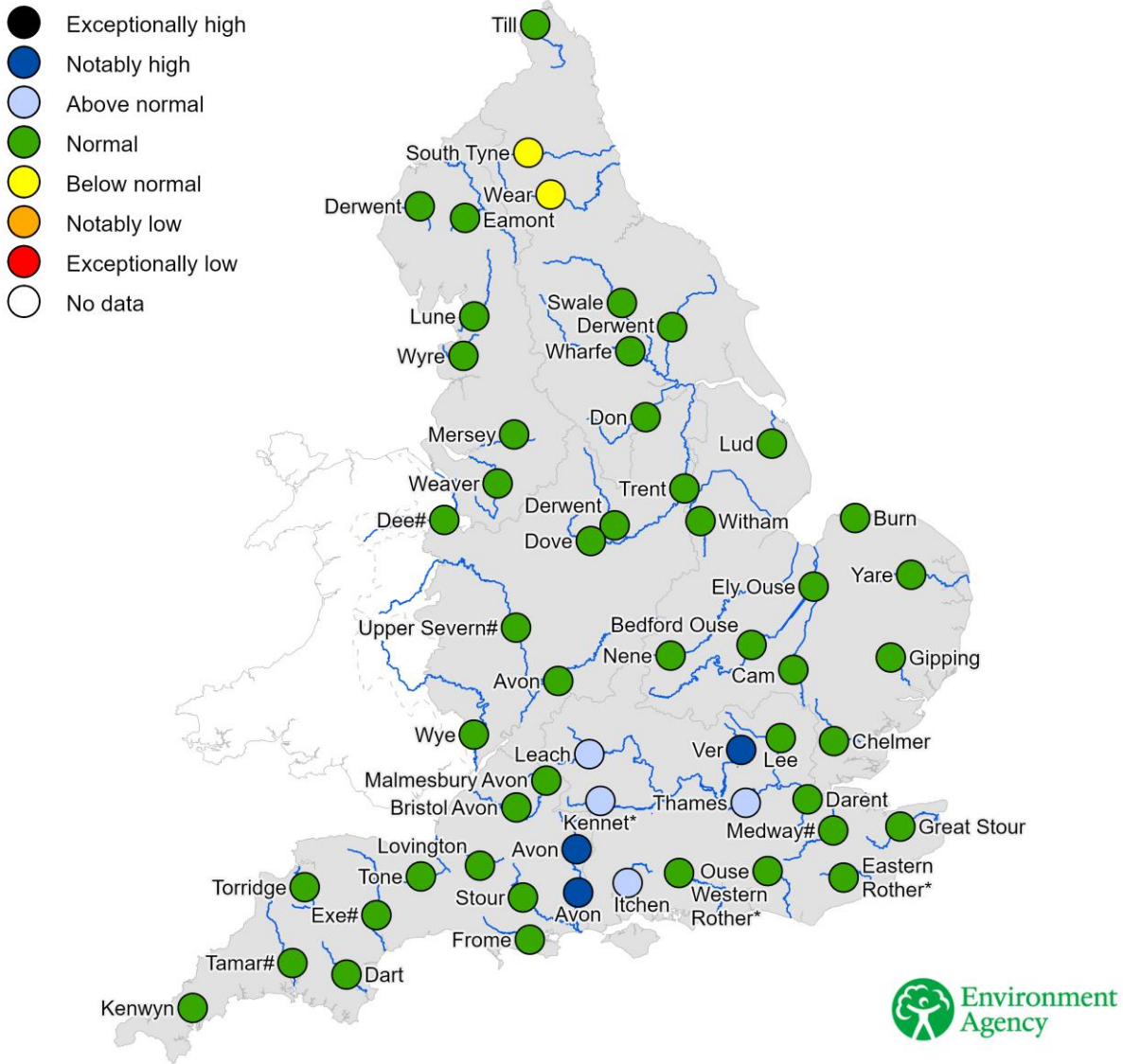


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3 River flows

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