Weekly rainfall and river flow summary

Wednesday 19 February to Tuesday 25 February 2025

1 Summary

It has been a much wetter week across all of England, with rainfall totals ranging from 13mm in east England to 53mm in the south-west (Table 1 and Figure 1). River flows increased at almost all (94%) of the sites we report on compared to the previous week.

1.1 Rainfall

It has been a much wetter week across all of England, with rainfall totals ranging from 13mm in east England to 53mm in the south-west (Table 1 and Figure 1). Rainfall totals for February so far range from 64% of the long term average (LTA) in north-east England to 96% of the LTA in south-east England.

1.2 River flows

River flows increased at almost all (94%) of the sites we report on compared to the previous week. The majority of the reporting sites are classed as normal or higher for the time of the year. The highest flows were reported in the south of England. Sixteen sites (29%) were classed as normal, fourteen sites (25%) were classed as above normal, nineteen (35%) as notably high and four (7%) as exceptionally high. Only two sites (4%) in north England were classed as below normal.

1.3 Outlook

Thursday and Friday are expected to bring clear periods and gentle winds. Localised showers will spread to the north-west of the country. Throughout the weekend, mostly settled conditions are likely across England with plenty of sunshine. Overnight frost and fog are expected, and it will remain breezier in the far north-west with the odd shower.

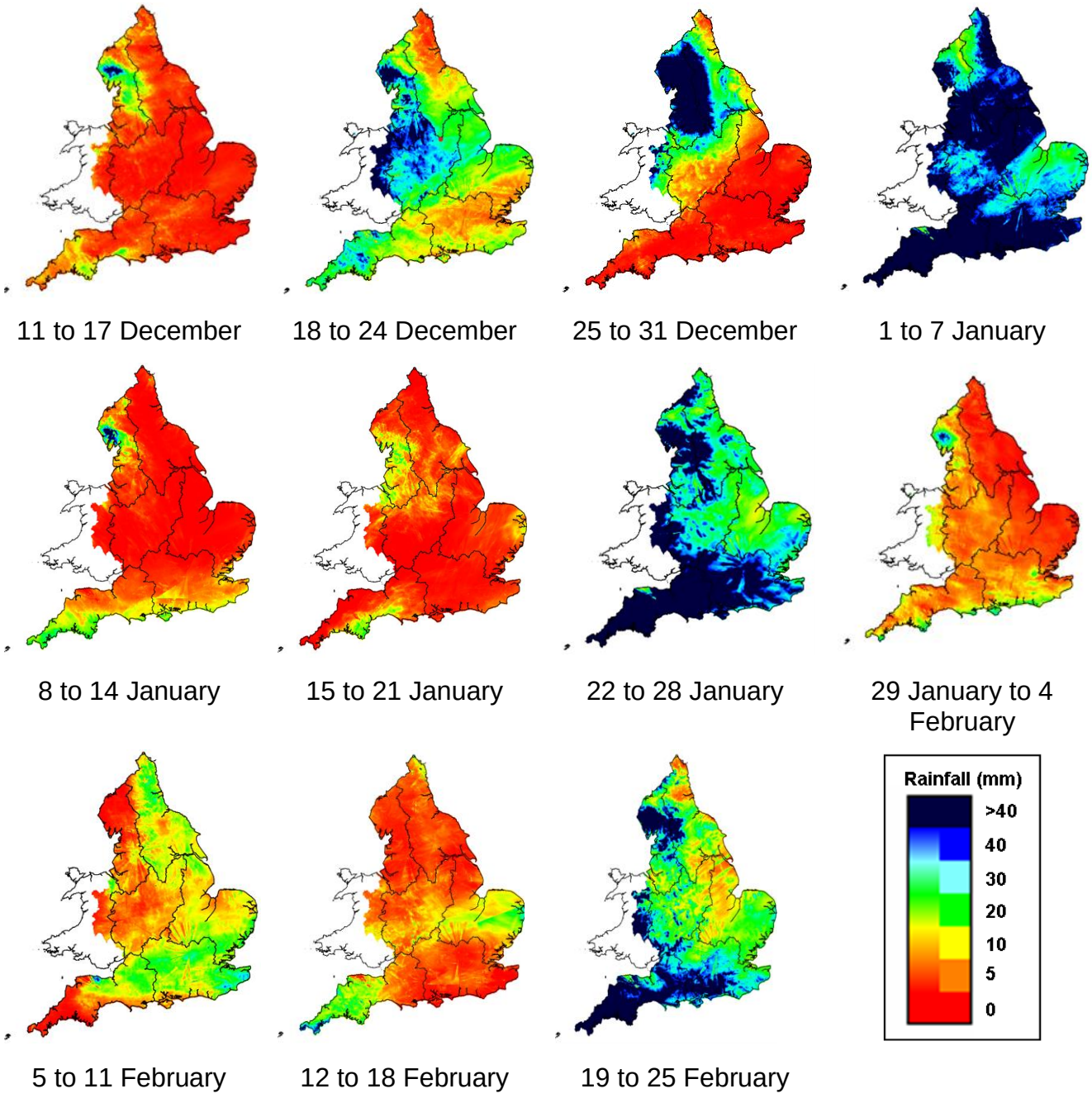
Table 1: Latest rainfall summary information (Source: Met Office © Crown Copyright, 2025)

Geographic regions	19 to 25 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	42	59	76	100	85	355	98	751	105	1,434	120
north-east	20	38	64	73	91	219	89	451	96	928	111
central	22	39	76	82	125	237	116	501	128	963	134
east	13	27	73	57	112	164	100	342	107	721	120
south-east	32	47	96	103	143	239	108	516	125	989	135
south-west	53	75	89	156	136	351	103	693	116	1,355	133
England	29	46	80	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

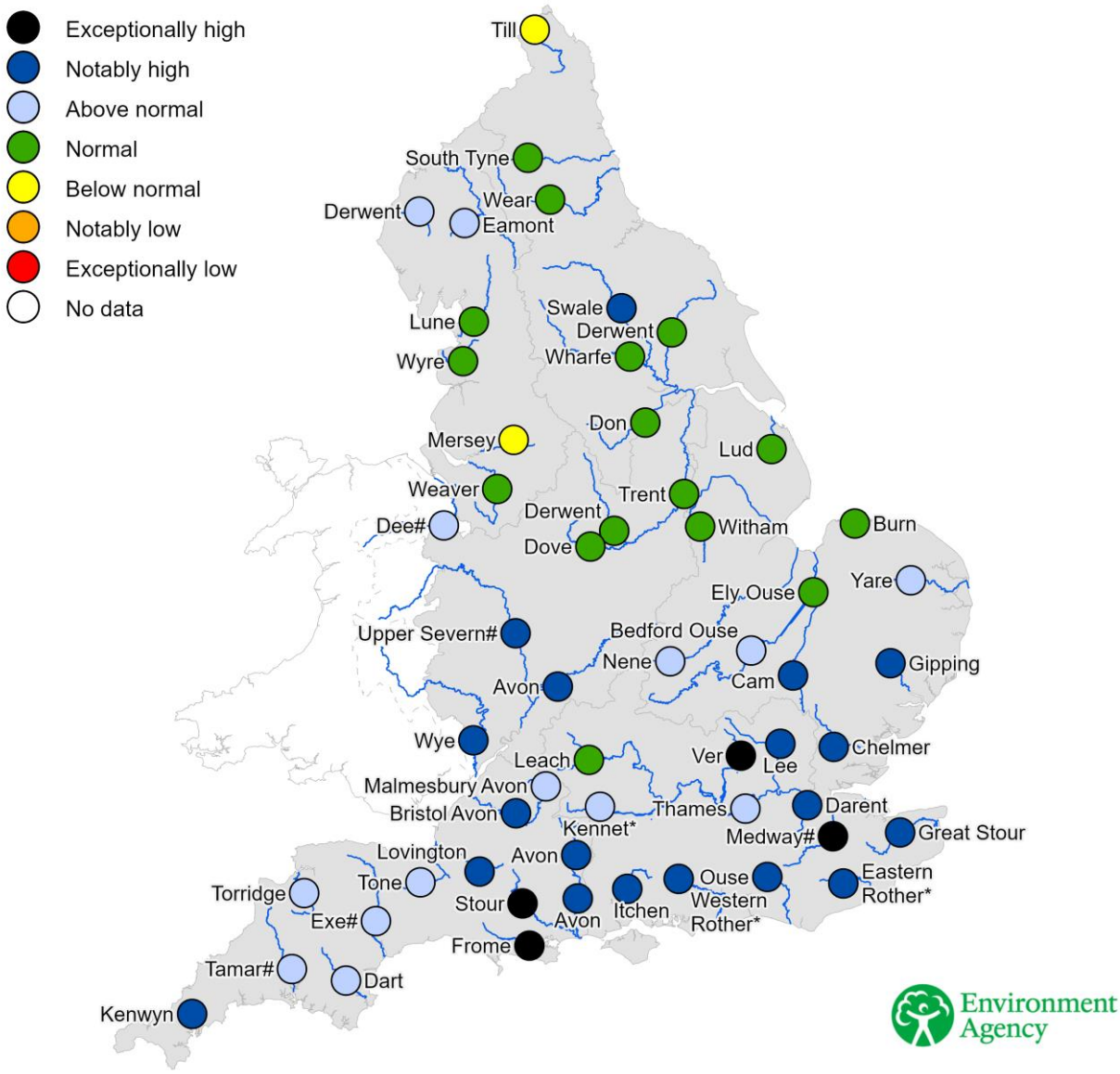
Figure 2: Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar Note: Images may sometimes include straight lines originating from the centre of the radar, resulting from tall trees and buildings located near the radar installation affecting its performance. This does not reflect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



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.



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