

# Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 27 November to Tuesday 3 December 2024

**Summary:** It has been a drier week across England compared with the previous week. River flows decreased at four-fifths of our reporting sites with the majority of sites classed as normal for the time of year.

## Rainfall

It has been a drier week across the country with rainfall totals ranging from 6mm in east and south-east England to 21mm in north-west England (Table 1, Figure 1). Rainfall totals for November ranged from 55% of the long term average (LTA) in north-east England to 119% of the LTA in south-west England (Table 1).

## River flow

River flows decreased at over four-fifths of sites we report on compared to last week. The majority of sites, 29 sites (53%), were classed as normal for the time of year. Three sites (5%) were classed as [exceptionally high](#) for the time of year, 5 sites (9%) were [notably high](#) and 18 sites (33%) were [above normal](#) (Figure 2).

## Outlook

Thursday will see heavy rain moving westwards across northern and central England with conditions remaining cloudy for most in the south. Colder weather is expected on Friday with the chance of showers in north-west England. Cold, potentially wintry showers with blustery winds are forecast across the weekend. More settled conditions will return on Monday and Tuesday however it will remain cold with overnight frosts likely for many areas of England.

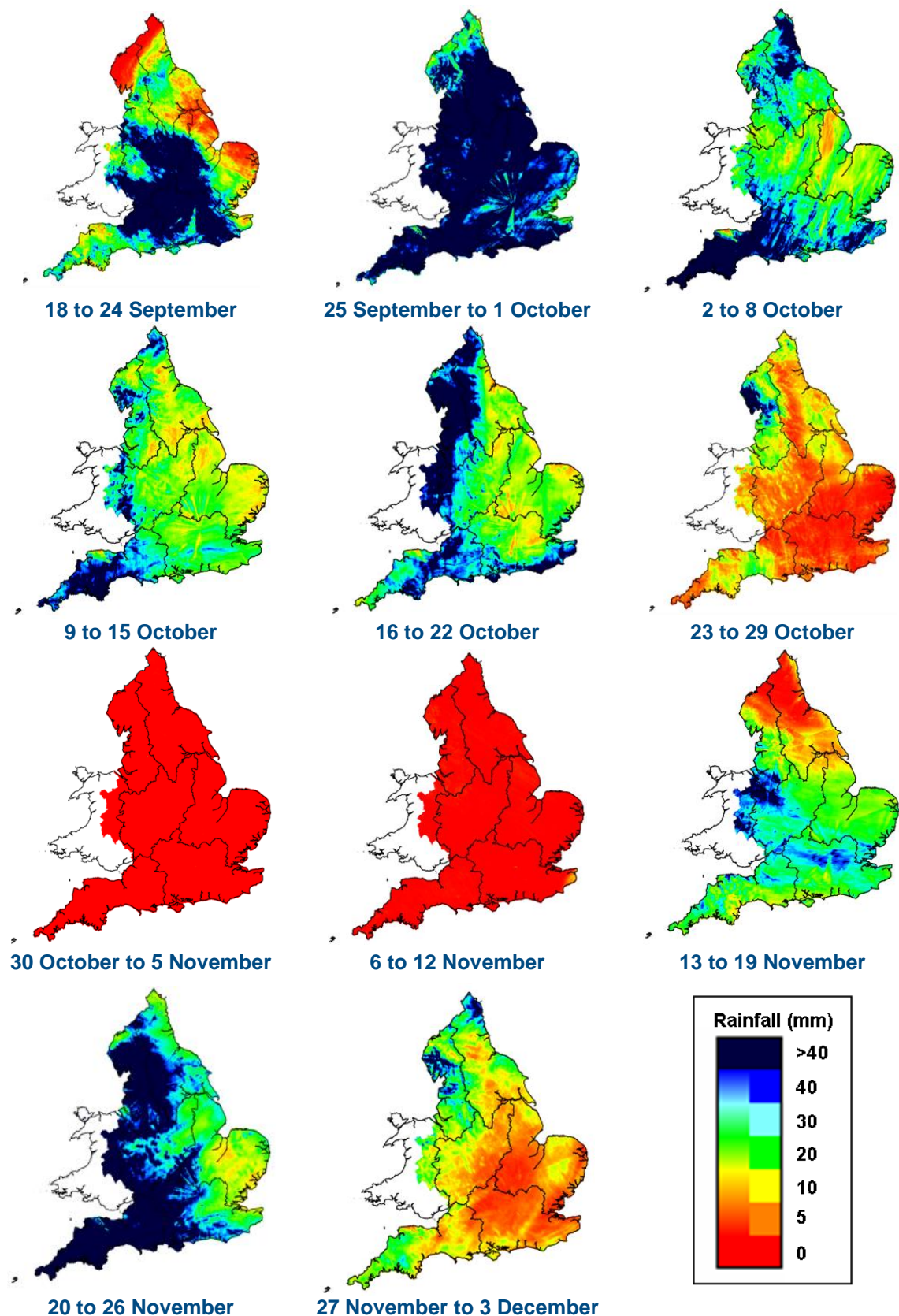
Geographic regions	Latest Week: 27 Nov to 3 Dec 2024	Latest month to date: Dec 2024		Last month: Nov 2024		Last 3 months: Sep to Nov 2024		Last 6 months: Jun to Nov 2024		Last 12 months: Dec 2023 to Nov 2024	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	21	10	8	84	68	341	94	641	100	1,551	130
north-east	14	8	9	46	55	238	104	404	94	1,012	121
central	8	4	5	74	112	311	165	437	120	997	138
east	6	4	7	51	89	209	131	327	104	750	125
south-east	6	4	6	83	112	322	155	453	123	1,019	139
south-west	15	4	3	127	119	419	145	591	121	1,417	139
England	11	5	6	76	93	300	131	459	110	1,082	132

**Table 1** Latest rainfall summary information (Source: Met Office © Crown Copyright, 2024)<sup>1</sup>

<sup>1</sup> Notes: LTA = long term average rainfall for 1961 – 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.

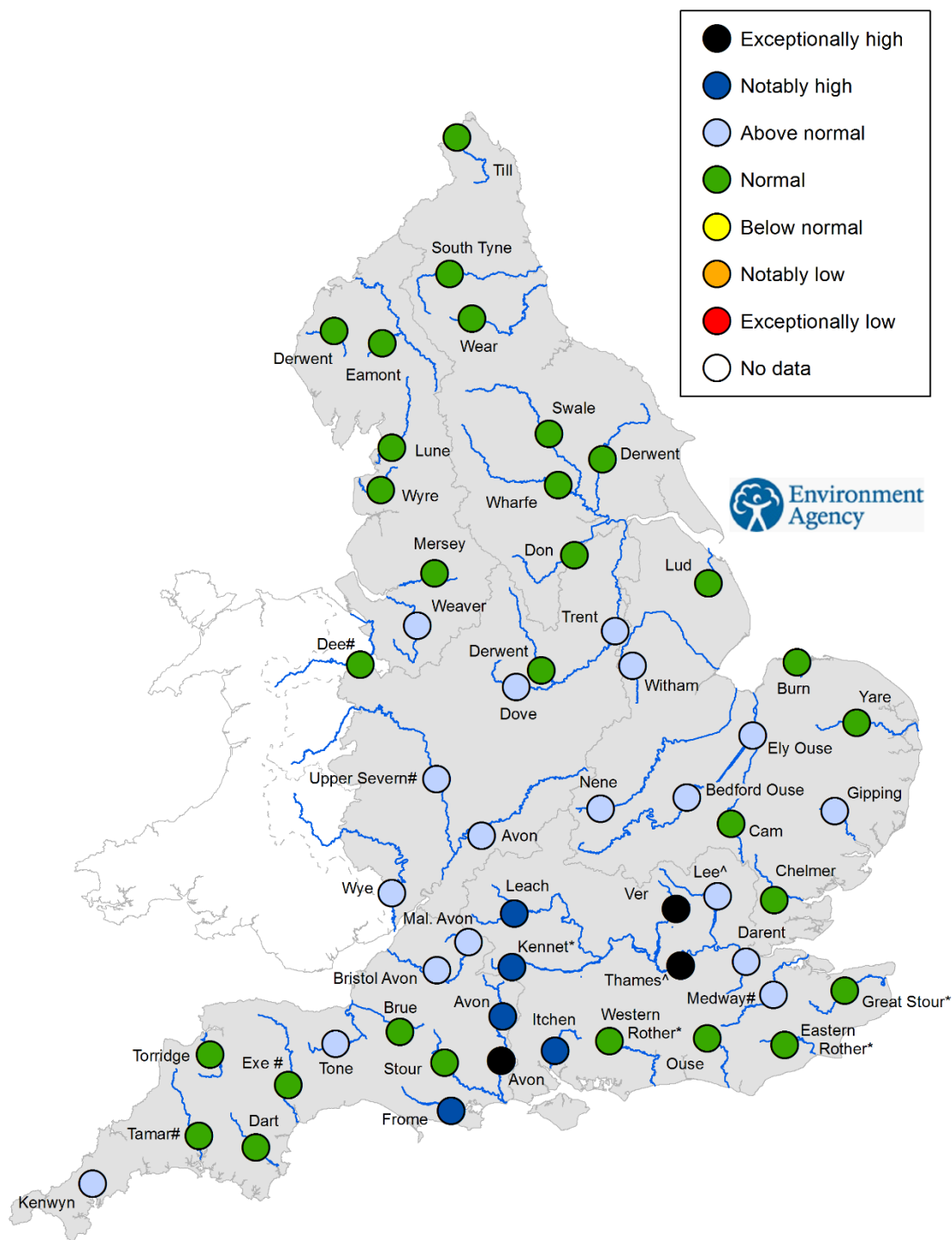
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# Rainfall



**Figure 1** Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2024). 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. Crown copyright. All rights reserved. Environment Agency, 100024198, 2024.

# River flow



^'Naturalised' flows are provided for the River Thames at Kingston and the River Lee at Feildes Weir.

\* Flows may be currently overestimated at these sites so the data should be treated with caution

# Flows may be impacted at these sites by water releases from upstream reservoirs.

**Figure 2** Latest daily mean river flow, relative to an analysis of historic daily mean flows, classed by flow percentile for the same time of year<sup>2</sup> (Source: Environment Agency). Crown copyright. All rights reserved. Environment Agency, 100024198, 2024<sup>3</sup>.

<sup>2</sup>Flow percentiles describe the percentage of time that a particular flow has been equalled or exceeded compared to the historic flow record for that site for the time of year. Flow percentiles presented relate to an analysis for the time of year and not a whole year.

<sup>3</sup>The flow sites in this report are indicator sites providing a National overview and a subset of a wider flow monitoring network.

## 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

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