

# Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 13 November to Tuesday 19 November 2024

**Summary:** It has been a much wetter week across most of England compared with last week. River flows increased at four-fifths of our reporting sites with flows at three-quarters of sites classed as normal or higher for the time of year.

## Rainfall

It has been a wetter week across the majority of the country with rainfall totals ranging from 25mm in south-west England to 3mm in north-east England (Table 1, Figure 1). Rainfall totals for November so far range from 6% of the long-term average (LTA) in north-east England to 36% of the LTA in central England (Table 1).

## River flow

River flows increased at over four-fifths of sites we report on compared to last week whilst they decreased at 8 sites (15%). Three sites (5%) were classed as [exceptionally high](#) for the time of year, 11 sites (20%) were [notably high](#), 14 sites (25%) were [above normal](#) and 13 sites (24%) were classed as [normal](#) for the time of year. Four sites (7%) were classed as [below normal](#), 7 sites (13%) were [notably low](#) and 3 sites across northern were classed as [exceptionally low](#) for the time of year (Figure 2).

## Outlook

Thursday will be sunny, dry and cold, except for south-west England which will see periods of heavy rain. Friday will largely be dry with sunshine for most. The weekend will see low pressure move in from south-west England bringing widespread rain, some of which heavy at times as it moves northwards across the country. Sleet showers on high ground are also expected in parts of northern England. Monday and Tuesday will have spells of sunshine with some showers in east England.

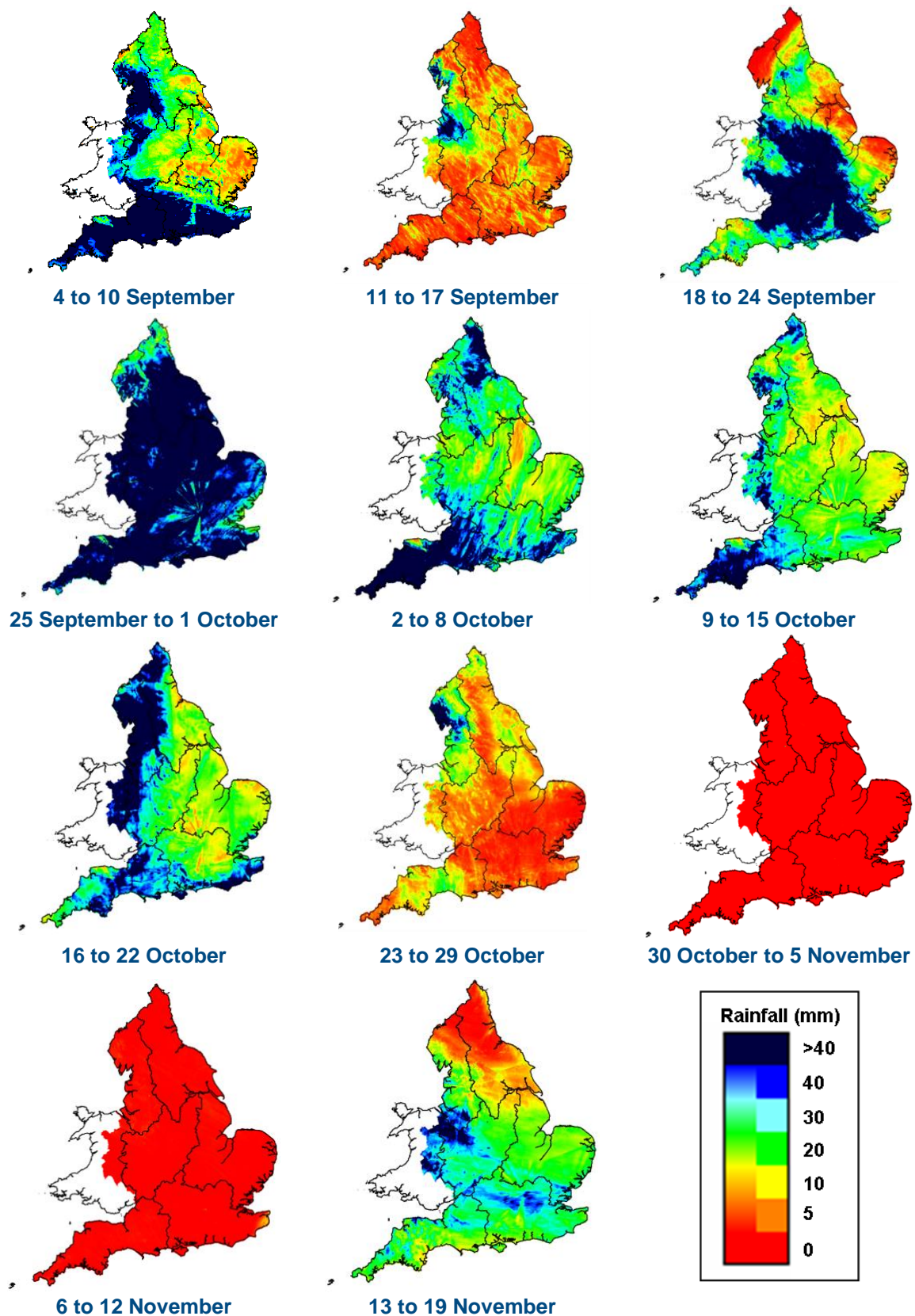
Geographic regions	Latest Week: 13 to 19 Nov 2024	Latest month to date: Nov 2024		Last month: Oct 2024		Last 3 months: Aug to Oct 2024		Last 6 months: May to Oct 2024		Last 12 months: Nov 2023 to Oct 2024	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	14	16	13	127	100	397	114	680	115	1,625	136
north-east	3	5	6	88	118	232	104	445	109	1,071	128
central	22	24	36	83	136	264	141	441	124	999	139
east	18	20	34	56	110	177	113	346	113	768	128
south-east	21	22	30	83	118	278	144	441	126	1,054	144
south-west	25	28	26	134	135	342	132	556	123	1,456	143
England	18	19	24	91	119	270	124	467	118	1,117	136

**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.

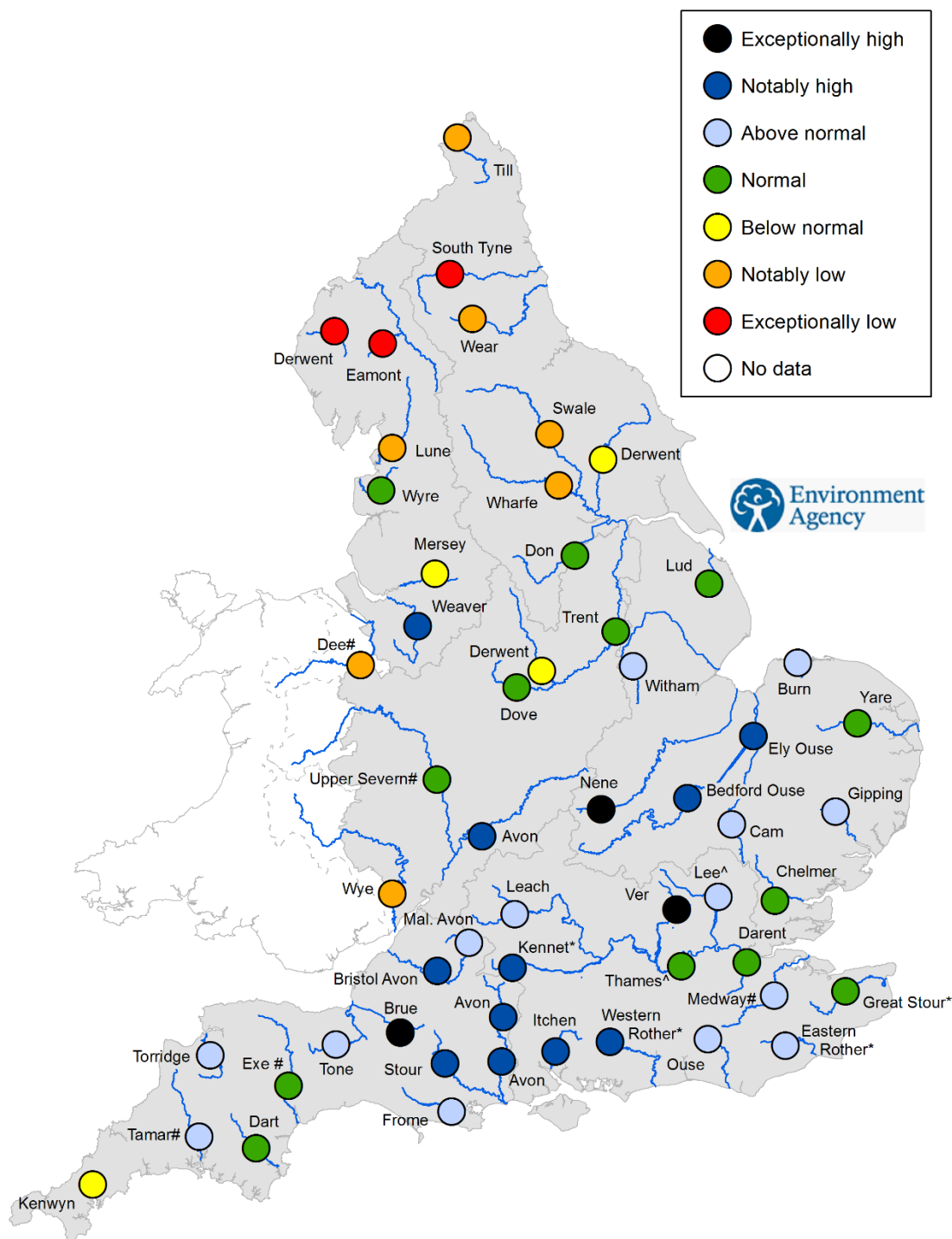
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# Rainfall



**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



<sup>^</sup> 'Naturalised' flows are provided for the River Thames at Kingston and the River Lee at Feildes Weir.  
<sup>\*</sup> Flows may be currently overestimated at these sites so the data should be treated with caution  
<sup>#</sup> 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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