

Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 30 October to Tuesday 5 November 2024

Summary: It has been a very dry week across England compared to the previous week. River flows decreased at all our reporting sites with flows at over three-quarters of sites normal or below normal for the time of year.

Rainfall

It has been the driest week across England for four months. Rainfall totals ranged from less than 1mm in the south-east to 1mm in north-east and north-west England (Table 1, Figure 1). Rainfall totals for October ranged from 100% of the long-term average (LTA) in north-west England to 136% of the LTA in central England (Table 1).

River flow

River flows decreased at all reporting sites when compared to the previous week, with over three-quarters of sites [normal](#) or [below normal](#) for the time of year. Flows at 13 sites (24% of the total) were [below normal](#), 31 sites (56%) were classed as [normal](#), 5 sites (9%) were classed as [above normal](#), 3 sites (5%) were [notably high](#) and 3 sites (5%) were [exceptionally high](#) for the time of year (Figure 2).

Outlook

Thursday and Friday will continue to be mostly cloudy and dry, with the odd patch of drizzle. The weekend will remain settled, and cloudy, with patchy drizzle in places. Light rain is expected to move south-eastwards on Sunday. It is expected to remain dry and settled on Monday and Tuesday.

Geographic regions	Latest Week: 30 Oct to 5 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	1	<1	0	127	100	397	114	680	115	1,625	136
north-east	1	<1	1	88	118	232	104	445	109	1,071	128
central	<1	<1	1	83	136	264	141	441	124	999	139
east	<1	<1	1	56	110	177	113	346	113	768	128
south-east	<1	<1	1	83	118	278	144	441	126	1,054	144
south-west	<1	<1	1	134	135	342	132	556	123	1,456	143
England	<1	<1	1	91	119	270	124	467	118	1,117	136

Table 1 Latest rainfall summary information (Source: Met Office © Crown Copyright, 2024)¹

¹ 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

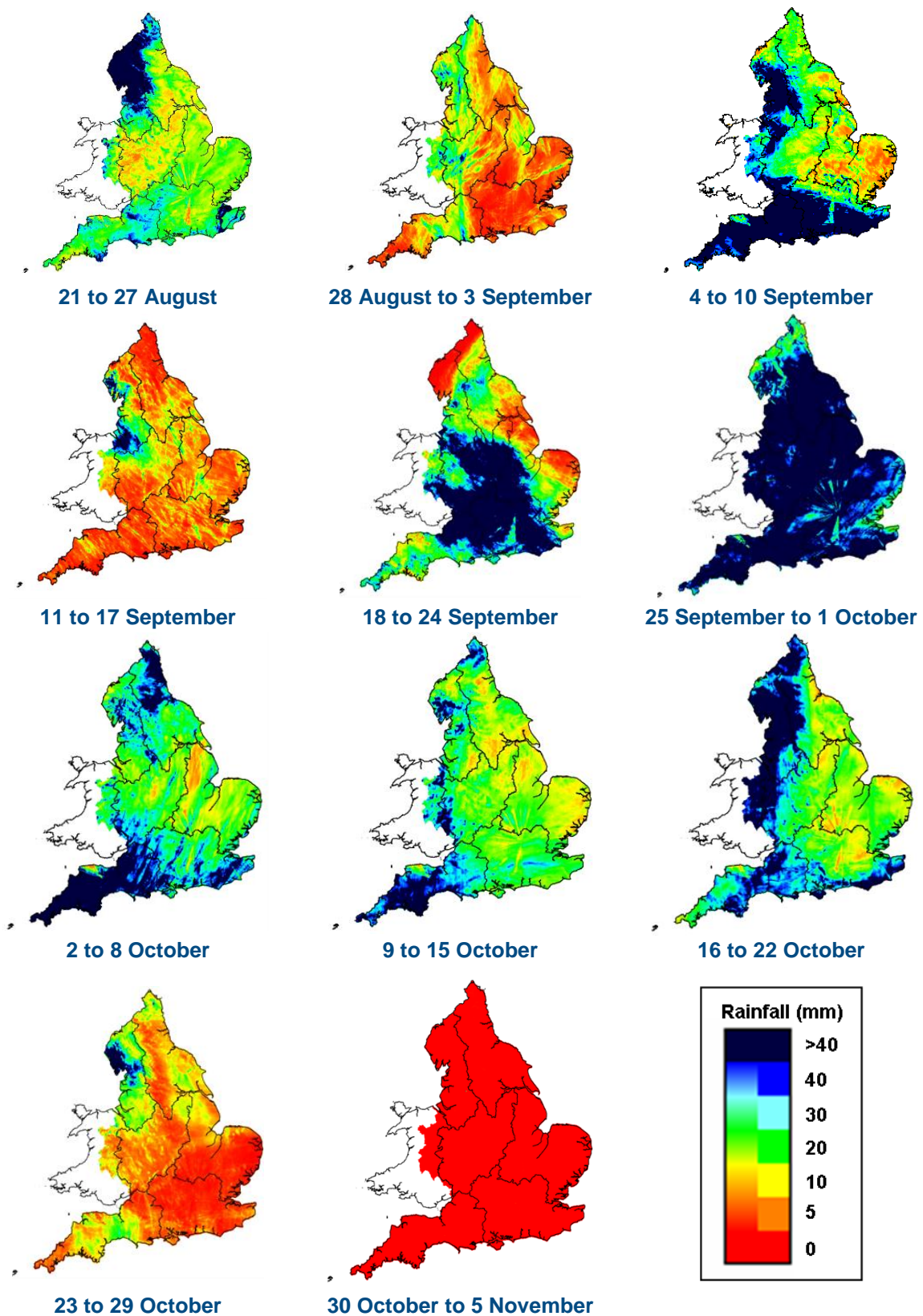
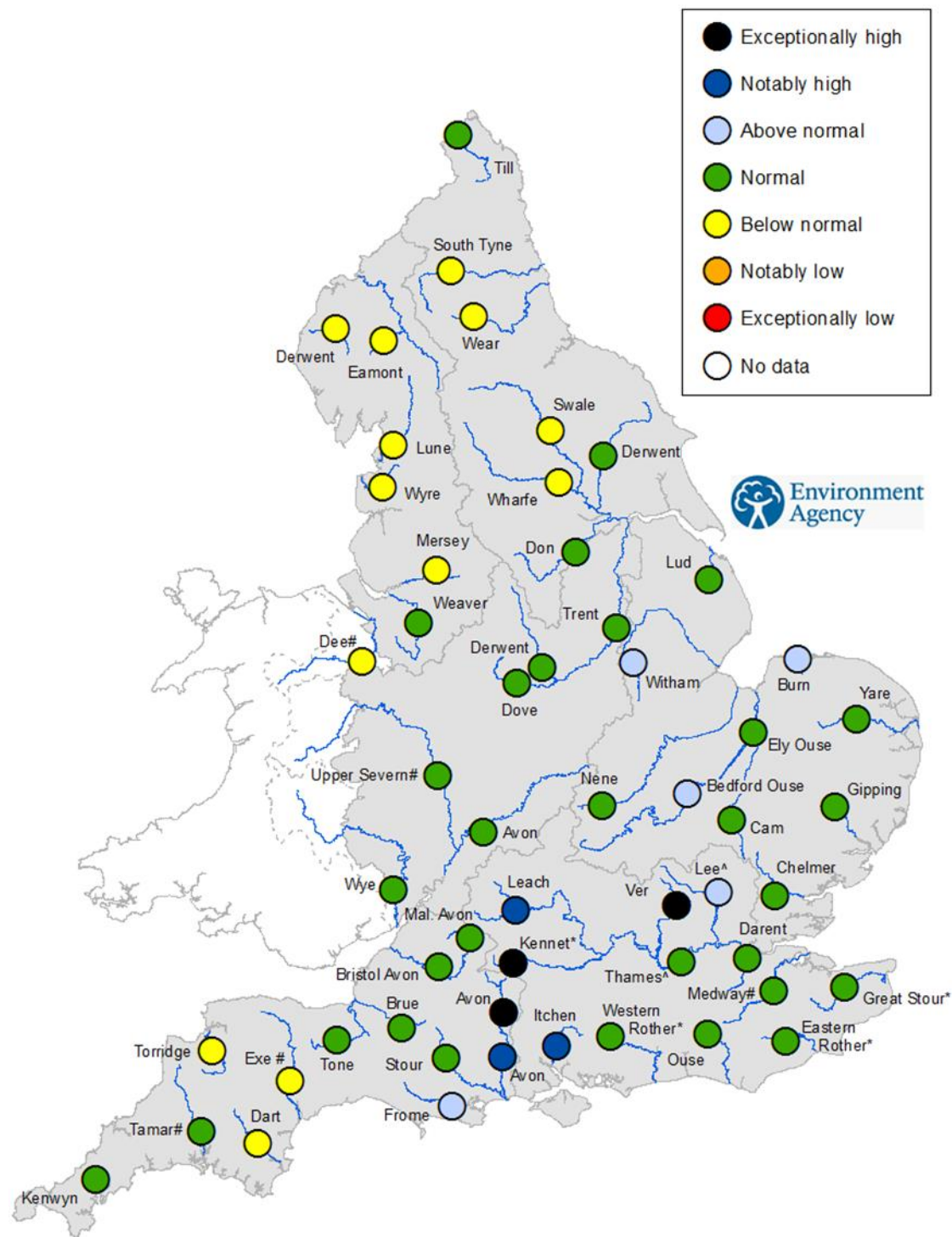


Figure 1 Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2024). Note: Images may sometimes include straight lines originating from the centre of the radar, resulting from tall trees and buildings located near the radar installation 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 year² (Source: Environment Agency). Crown copyright. All rights reserved. Environment Agency, 100024198, 2024³.

²Flow 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.

³The 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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