

Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 2 October to Tuesday 8 October 2024

Summary: Although it has been a wet week across England, river flows decreased at more than two-thirds of reporting sites when compared to the previous very wet week. Flows at most sites remain notably or exceptionally high for the time of year.

Rainfall

It has been another wet week across England particularly in the south-west. Rainfall totals ranged from 18mm in east England to 45mm in south-west England (Table 1, Figure 1). Rainfall totals for October to date range from 19% of the long term average (LTA) in north-west England to 61% of the LTA in east England (Table 1).

River flow

River flows decreased at the majority (65%) of reporting sites when compared to the previous week. All but one reporting sites were [normal](#) or higher for the time of year. Flows at 8 sites (15% of the total) were classed as [normal](#) for the time of year, 9 sites (17%) were [above normal](#), 16 sites (30%) were [notably high](#) and 28 sites (38%) were [exceptionally high](#) for the time of year. Flow at 1 site, Ouse Bridge in north-west England, was [notably low](#). (Figure 2).

Outlook

Thursday will be mainly dry and bright across most of England, with plenty of sunny spells and a cold northerly breeze. Expect patchy frost overnight. From Friday through the weekend, southern England will see largely dry conditions with sunny spells and light winds, while the north may experience some showery rain. A settled start is forecast for Monday and Tuesday, especially in central and eastern areas, before cloud and rain return from the west.

Geographic regions	Latest Week: 2 to 8 Oct 2024	Latest month to date: Oct 2024		Last month: Sep 2024		Last 3 months: Jul to Sep 2024		Last 6 months: Apr to Sep 2024		Last 12 months: Oct 2023 to Sep 2024	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	23	24	19	130	113	360	117	690	129	1,649	138
north-east	25	29	40	105	148	226	107	457	117	1,141	136
central	24	30	50	154	253	249	140	432	124	1,067	148
east	18	31	61	101	203	193	125	348	115	840	140
south-east	27	34	48	156	245	268	157	433	131	1,119	153
south-west	45	45	46	159	191	304	137	515	125	1,475	144
England	26	33	43	133	189	258	130	462	123	1,173	143

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

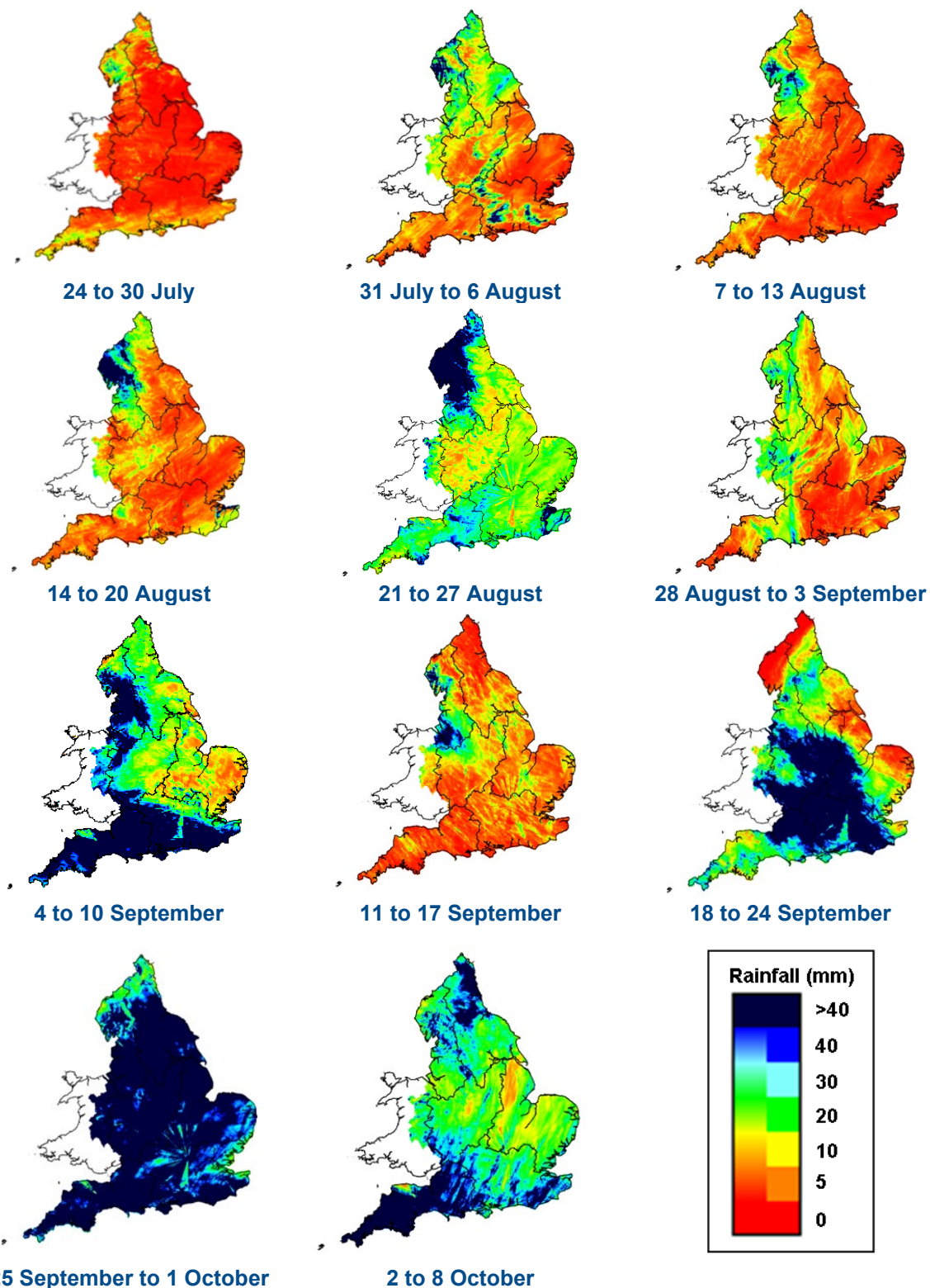


Figure 1 Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2024). Note: Images may sometimes include straight lines originating from the centre of the radar, resulting from tall trees and buildings located near the radar installation affecting its performance. This does not reflect actual conditions on the ground. Crown copyright. All rights reserved. Environment Agency, 100024198, 2024.

River flow 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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