

# Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 18 September to Tuesday 24 September 2024

**Summary:** It has been a wetter week across England. River flows increased at almost all reporting sites when compared to the previous week, and most were normal or higher for the time of year.

## Rainfall

It has been a wetter week across England compared to the previous week. Rainfall totals ranged from 18mm in north-east England to 60mm in the south-east (Table 1, Figure 1). Rainfall totals for the month so far ranged from 77% of the long term average (LTA) in north-east England to 172% of the LTA in central England (Table 1).

## River flow

River flows increased at almost all (91%) reporting sites when compared to the previous week, with just 5 sites seeing a decrease in river flows. All reporting sites were [normal](#) or higher for the time of year, except one site which was classed as [below normal](#). Flows at 17 sites (31% of the total) were classed as normal for the time of year, 10 sites (19%) were [above normal](#), 6 sites (11%) were [notably high](#) and 20 sites (37%) were [exceptionally high](#) for the time of year. (Figure 2).

## Outlook

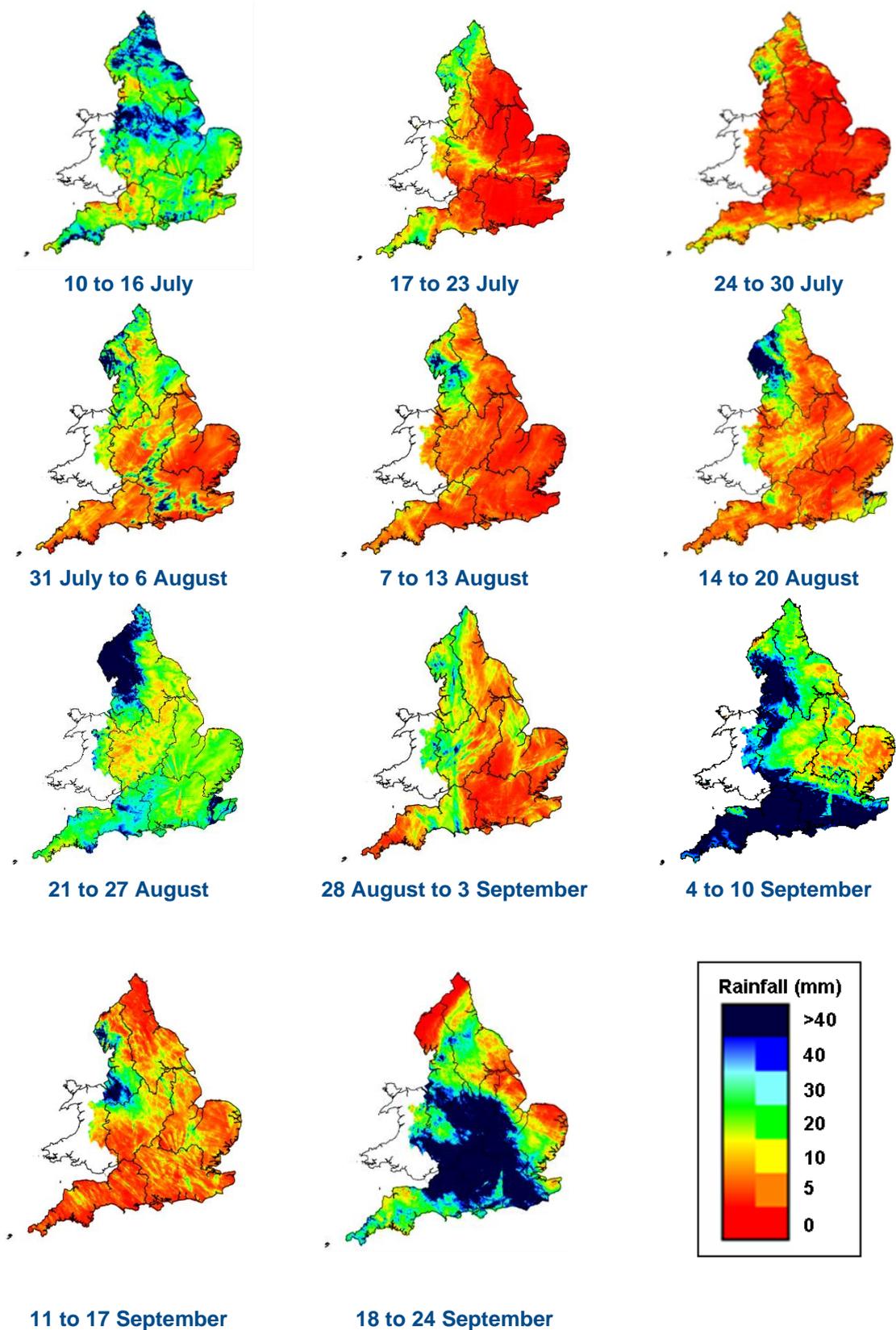
Thursday is expected to be wet with heavy, localised showers, although it will be drier, brighter, and colder in the north. On Friday and Saturday, sunny spells and scattered showers are anticipated. Sunday will bring spells of rain in the north, but it will be mostly fine further south. Wet and windy weather is expected to continue into Monday.

Geographic regions	Latest Week: 18 to 24 Sep 2024	Latest month to date: Sep 2024		Last month: Aug 2024		Last 3 months: Jun to Aug 2024		Last 6 months: Mar to Aug 2024		Last 12 months: Sep 2023 to Aug 2024	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	23	101	88	140	130	300	110	686	133	1,675	140
north-east	18	54	77	39	51	165	82	431	111	1,119	134
central	51	105	172	27	42	127	72	374	109	981	136
east	33	52	105	20	36	118	75	293	98	796	133
south-east	60	104	164	38	66	131	81	370	113	1,025	140
south-west	41	106	128	50	65	173	86	507	122	1,412	138
England	38	85	120	46	65	159	84	423	114	1,122	137

**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.

# 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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