

# Weekly rainfall and river flow summary

## Weekly bulletin: Wednesday 28 August to Tuesday 3 September 2024

**Summary:** It has been a generally drier week across England. River flows have decreased at almost two-thirds of reporting sites compared to the previous week, with nearly all river flows now classed as normal or above for the time of year.

### Rainfall

It has been a generally drier week across England compared to the previous week. Rainfall totals for the week ranged from 3mm in south-east, to 19mm in north-west England (Table 1, Figure 1). Rainfall totals for August ranged from 36% of the long term average (LTA) in east England to 130% of the LTA in north-west England (Table 1).

### River flow

Rivers have responded to the drier week with flows decreasing at almost two-thirds (61%) of reporting sites when compared to the previous week. Flows at most reporting sites (95%) were classed as [normal](#) or above for the time of year. Flow at 3 sites (5%) were considered [below normal](#), 34 sites (62%) were considered [normal](#), while 11 sites (20%) were [above normal](#) for the time of year. Two sites (4%) were classed as [exceptionally high](#), with a further 5 (9%) as [notably high](#) (Figure 2).

### Outlook

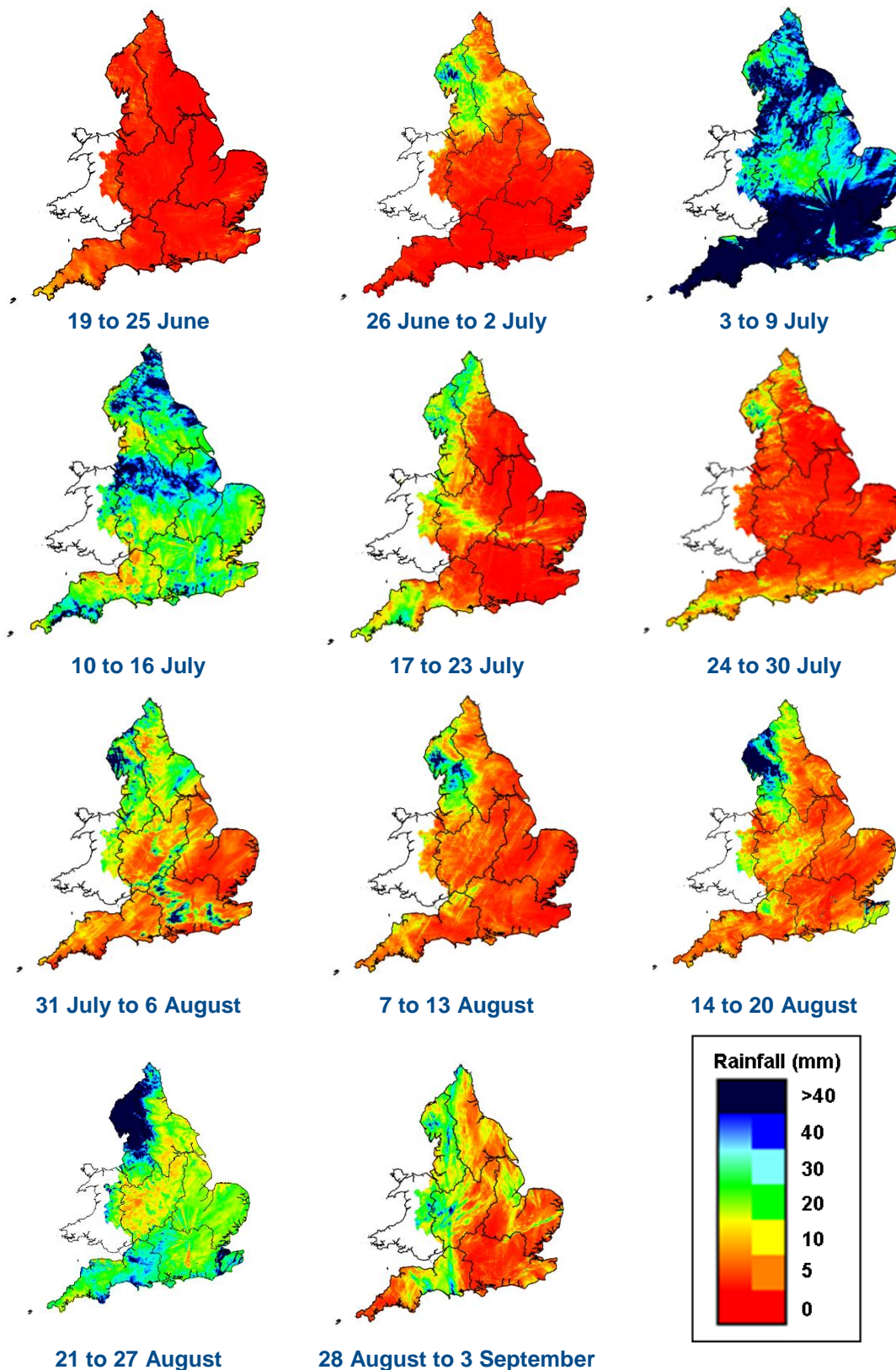
On Thursday, there will be areas of rain, occasionally heavy, moving across south and possibly central England. Cloud and patchy rain also affect the north east, but it will be dry and bright elsewhere. It may feel humid in many places. The forecast for Friday to Sunday will see further rain, heavy at times, affecting south and occasionally central areas, elsewhere it will be generally cloudy and misty.

Geographic regions	Latest Week: 28 Aug to 03 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	19	16	14	140	130	300	110	686	133	1,675	140
north-east	9	7	10	39	51	165	82	431	111	1,119	134
central	13	12	20	27	42	127	72	374	109	981	136
east	5	4	8	20	36	118	75	293	98	796	133
south-east	3	3	4	38	66	131	81	370	113	1,025	140
south-west	9	9	10	50	65	173	86	507	122	1,412	138
England	9	8	11	46	65	159	84	423	114	1,122	137

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

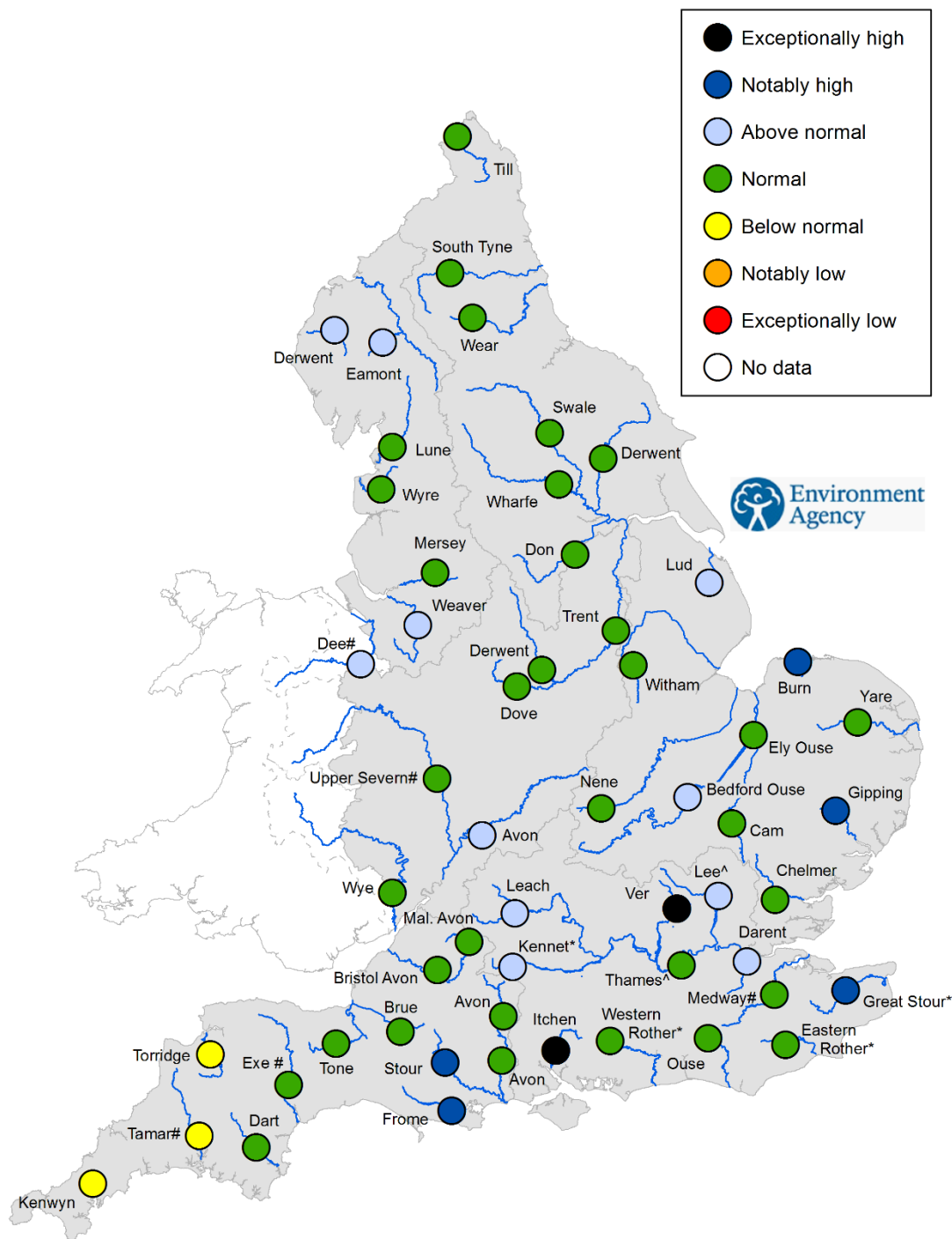
<sup>1</sup> Notes: LTA = long term average rainfall for 1961 – 1990. Data for the current month are calculated using MORECS (Met Office Rainfall and Evaporation Calculation System); data for past months are provisional values from the National Climate Information Centre (NCIC). The data are rounded 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



^'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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