Weekly rainfall and river flow summary

Wednesday 10 September to Tuesday 16 September 2025

1 Summary

It has been the wettest week for England for almost a year, with rainfall totals ranging from 27mm in east England to 79mm in north-west England. River flows increased since last week at around three-quarters of sites and are now classed as normal or higher for the time of the year at the vast majority of sites.

1.1 Rainfall

It has been a very wet week, especially in the north-west, with rainfall totals ranging from 27mm in east England to 79mm in north-west England. The total rainfall for England this week was 43mm (Table 1 and Figure 2), the wettest reporting week for almost a year. Rainfall totals in September so far are 74mm which is 108% of the long-term average (LTA) for England, ranging from 89% LTA in the east to 126% LTA in the south-east.

1.2 River flows

River flows increased since last week at forty-three sites, 78% of the river flow sites we report on, and twenty-three sites, 42% of the total, were classed as above normal or higher for the time of the year. Seven sites (13%) were classed as exceptionally high, three sites (5%) were classed as notably high and thirteen sites (24%) were classed as above normal. Twenty-six sites (47%) were classed as normal, and six sites (11%) as below normal or lower. There were no sites classed as exceptionally low for the time of the year.

1.3 Outlook

Thursday and Friday will be rainy and cloudy in most of England with the highest totals expected in north-west England and brighter, warmer conditions in the south-east. The weekend will stay unsettled, with heavy and thundery showers on Saturday. It will turn colder from Sunday, with rain becoming more showery and spreading south on Monday.

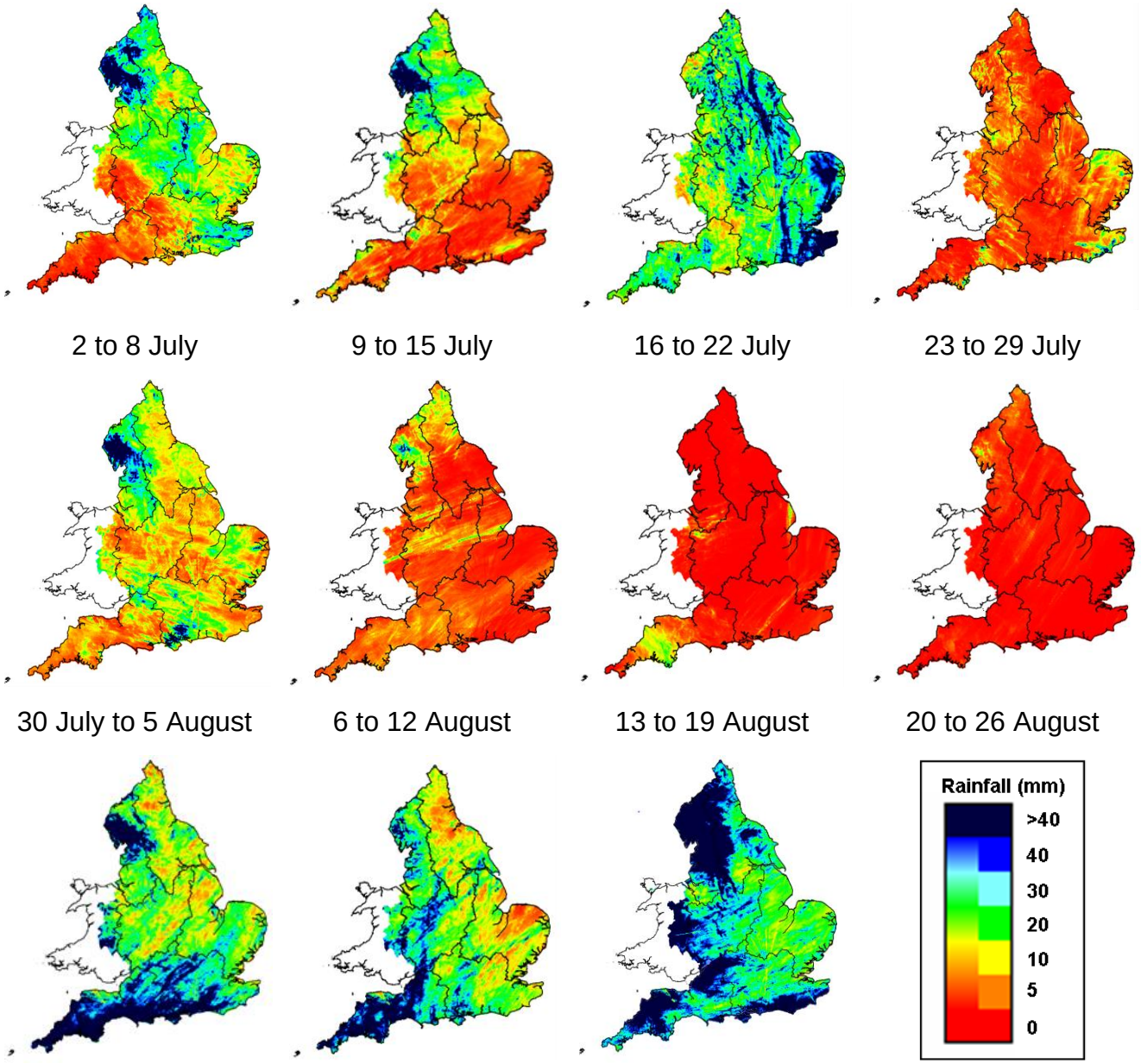
Table 1: Latest rainfall summary information (Source: Met Office © Crown Copyright, 2025)

Geographic regions	10 to 16 Sep 2025 total rainfall (mm)	Sep 2025 to date total rainfall (mm)	Sep 2025 to date rainfall % of LTA	Aug 2025 total rainfall (mm)	Aug 2025 rainfall % of LTA	Last 3 months Jun to Aug 2025 total rainfall (mm)	Last 3 months Jun to Aug 2025 rainfall % of LTA	Last 6 months Mar to Aug 2025 total rainfall (mm)	Last 6 months Mar to Aug 2025 rainfall % of LTA	Last 12 months Sep 2024 to Aug 2025 total rainfall (mm)	Last 12 months Sep 2024 to Aug 2025 rainfall % of LTA
north-west	79	113	106	60	55	295	101	418	79	1,090	86
north-east	47	69	97	24	30	142	64	215	54	664	75
central	41	67	110	20	30	100	51	164	46	675	89
east	27	47	89	18	30	99	58	150	50	507	80
south-east	39	74	126	30	48	122	72	173	54	710	92
south-west	41	94	121	49	59	156	70	275	63	1,009	92
England	43	74	108	31	42	142	69	218	58	745	86

Notes: Long term average (LTA) rainfall for 1991 to 2020. 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.

2 Rainfall

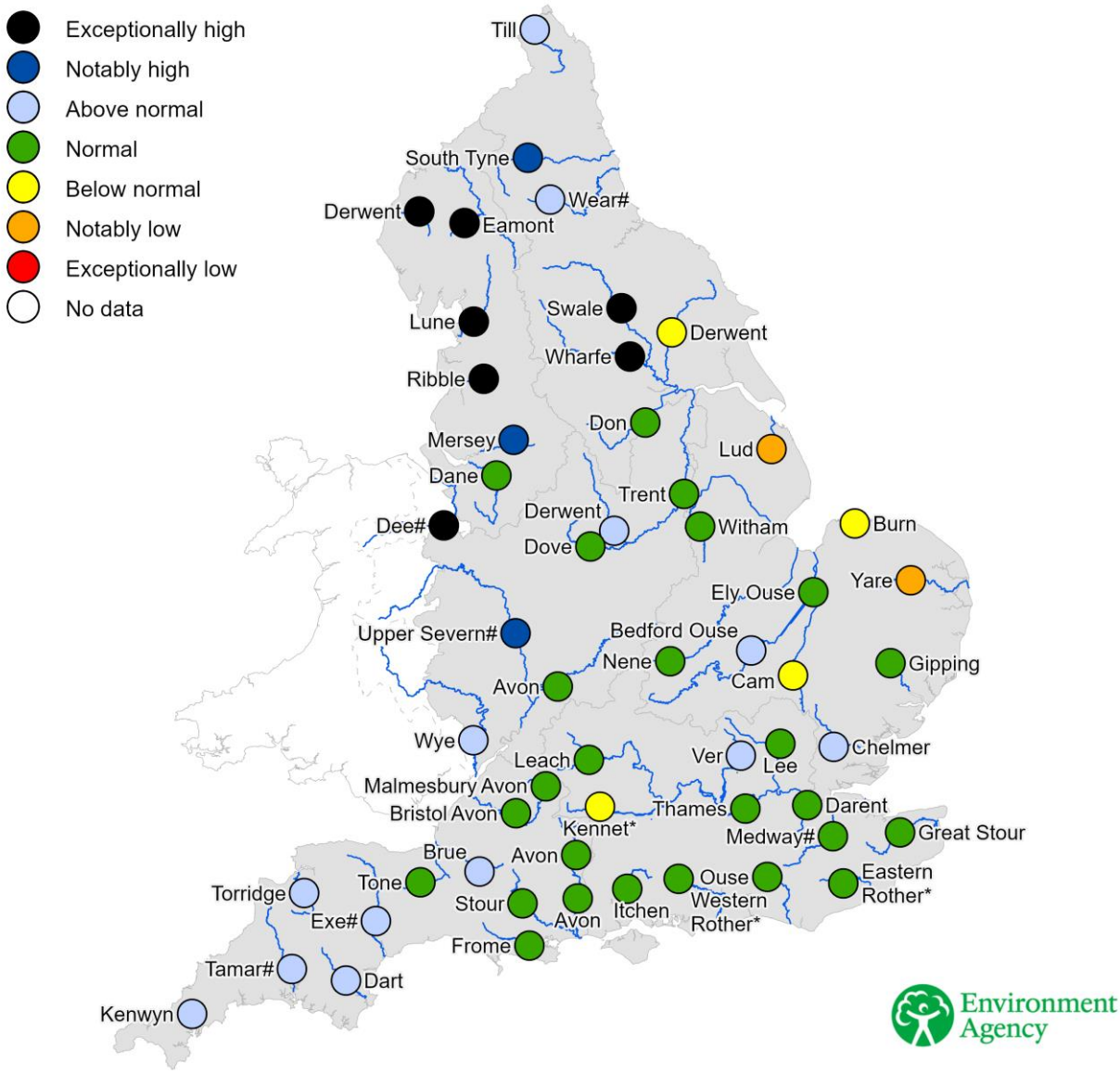
Figure 2: Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar. Note: Images may sometimes include straight lines originating from the centre of the radar, resulting from tall trees and buildings located near the radar installation affecting its performance. This does not reflect actual conditions on the ground.



3 River flows

3.1 River flows map

Figure 3.1: Latest daily mean river flow, relative to an analysis of historic daily mean flows, classed by flow percentile for the same time of year. River flows for the River Thames at Kingston and the River Lee at Feildes Weir are naturalised. * Flows may be overestimated and data should be treated with caution. # Flows may be impacted by upstream reservoir releases.



3.2 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