Weekly rainfall and river flow summary

Wednesday 3 September to Tuesday 9 September 2025

1 Summary

It has been a drier week compared to the previous week across many parts of England with the wettest conditions in the south-west. River flows decreased at nearly two-thirds of the sites that we report on, with just under half of sites we report on being classed as lower than normal for the time of year.

1.1 Rainfall

Despite being a drier week compared to the previous week, south-west England received notable rainfall this week. Rainfall totals ranged from 33mm in south-west England to 12mm in east England (Table 1 and Figure 1). Rainfall totals for September range from 31% of the long term average (LTA) for the time of year in north-east England to 68% of the LTA in south-west England. For England as a whole, September rainfall totals to date are 45% of the LTA (Table 1).

1.2 River flows

River flows decreased at nearly two-thirds of the sites that we report on compared to the previous week. River flows were mixed across the country with 26 sites (48% of the total) classed as normal and 17 sites (31%) classed as below normal. Five sites (9%) were classed as notably low and 3 sites (6%), all in north-east England, were classed as exceptionally low. Three sites (6%) were above normal or higher for the time of year (Figure 2).

1.3 Outlook

Thursday is forecast to bring rain to many parts of England with the heaviest rain expected in the north-west. Friday is likely to be much brighter for many eastern areas of England however isolated showers, potentially heavy, are forecast for western areas. On Saturday conditions remain changeable with sunny spells and blustery showers for most areas. More persistent rain across England is likely on Sunday with the unsettled theme continuing on Monday and Tuesday with further showers and brighter spells.

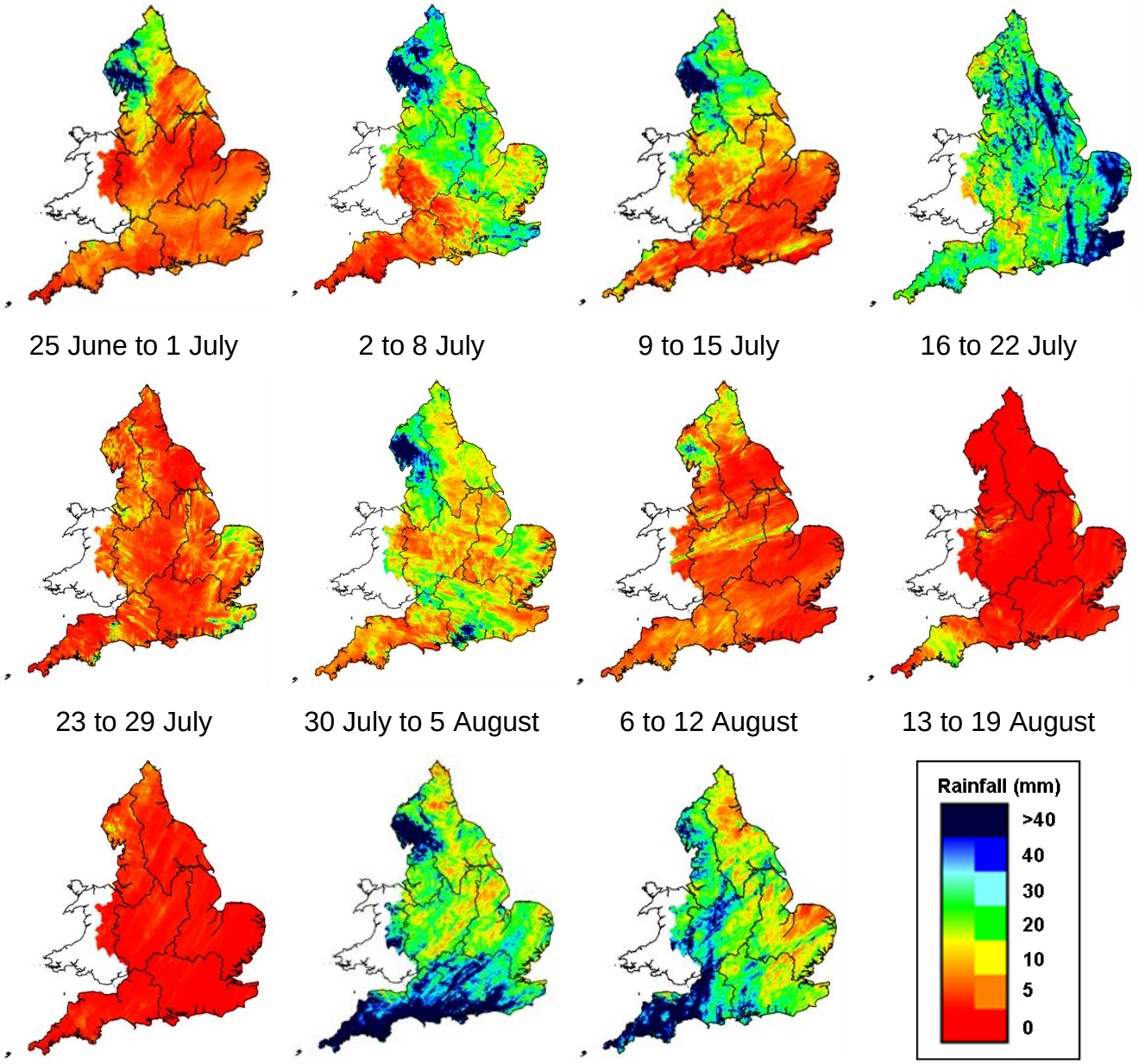
Table 1: Latest rainfall summary information (Source: Met Office © Crown Copyright, 2025)

Geographic regions	3 to 9 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	20	34	32	60	55	295	101	418	79	1,090	86
north-east	13	22	31	24	30	142	64	215	54	664	75
central	19	25	41	20	30	100	51	164	46	675	89
east	12	21	39	18	30	99	58	150	50	507	80
south-east	17	35	60	30	48	122	72	173	54	710	92
south-west	33	53	68	49	59	156	70	275	63	1,009	92
England	19	31	45	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

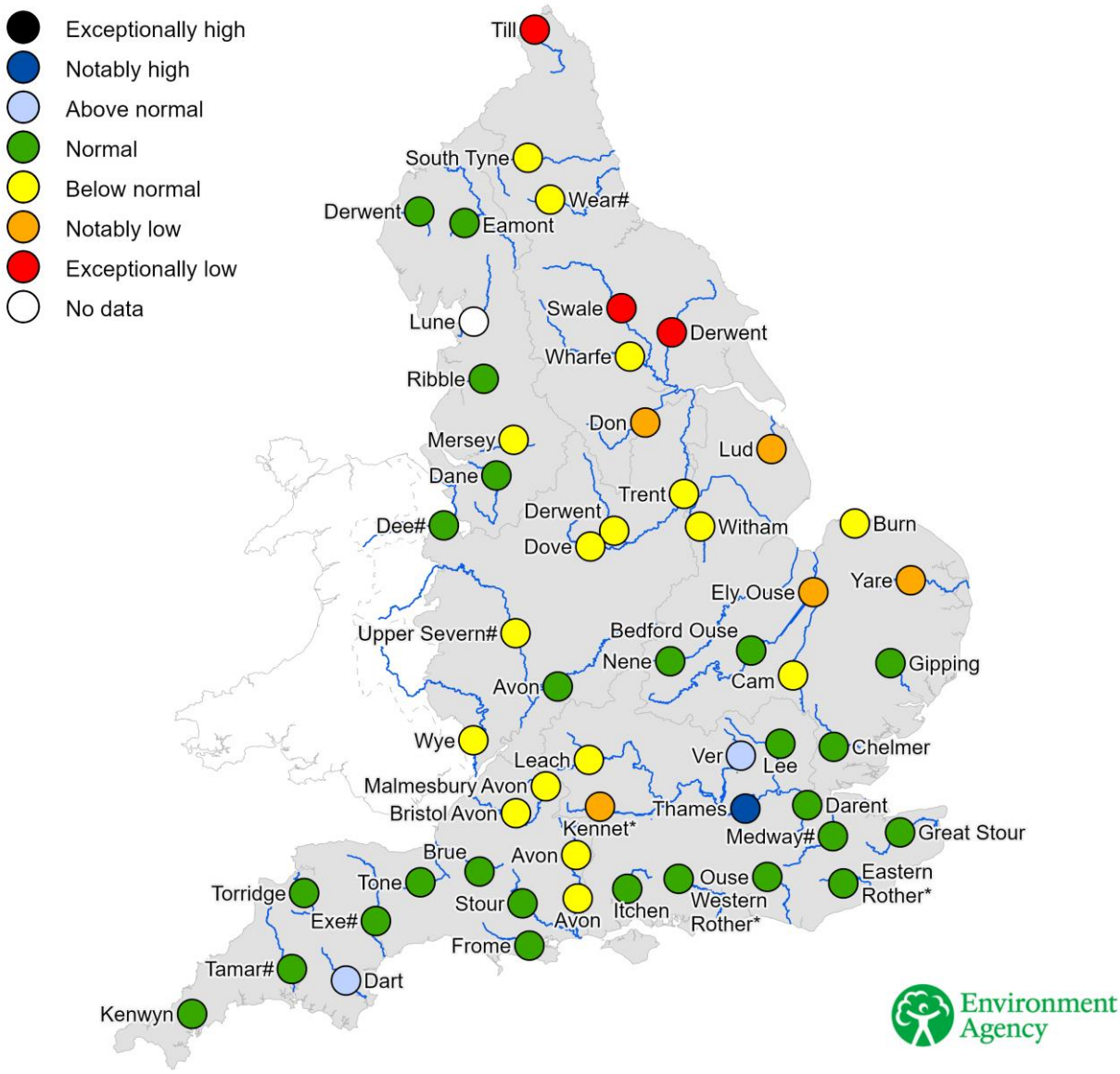
Figure 2: Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar. Note: Images may sometimes include straight lines originating from the centre of the radar, resulting from tall trees and buildings located near the radar installation affecting its performance. This does not reflect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