

Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 3 July to Tuesday 9 July 2024

Summary: It has been a very wet week across most of the country, and the wettest for England since the start of year. River flows increased across the country, with flows at all reporting sites classed as normal or above for the time of year.

Rainfall

It has been a very wet week across the whole of England. Rainfall totals ranged from 35mm in north-west England to 56mm in south-west England (Figure 1). Rainfall totals for the month so far range from 55% of the long-term average (LTA) in the north-west to 108% of the LTA in east England. (Table 1).

River flow

River flows have increased at the majority (98%) of reporting sites compared to the previous week, with flow at all sites classed as normal or above for the time of year. Six sites (11%) were classed as [normal](#) for the time of year. Flows at ten sites (18%) were classed as [above normal](#), twenty two sites (40%) classed as [notably high](#) and seventeen sites (31%) classed as [exceptionally high](#) for the time of year. (Figure 2).

Outlook

Outbreaks of rain on Thursday will continue to affect central areas becoming lighter and patchier through the day. It will be drier and brighter elsewhere but remaining cool. On Friday, sunshine and showers are forecast, before a risk of rain moves across eastern areas later and into Saturday. There will be showers in the east on Sunday and generally drier and brighter on Monday.

Geographic regions	Latest Week: 03 to 09 Jul 2024	Latest month to date: Jul 2024		Last month: Jun 2024		Last 3 months: Apr to Jun 2024		Last 6 months: Jan to Jun 2024		Last 12 months: Jul 2023 to Jun 2024	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	35	47	55	70	86	330	146	753	146	1,763	147
north-east	38	47	76	45	73	231	129	495	128	1,217	145
central	38	42	79	32	55	183	108	454	132	1,045	145
east	48	54	108	26	51	155	106	358	127	842	140
south-east	49	50	104	19	34	165	102	473	138	1,064	145
south-west	56	56	92	27	43	212	110	667	140	1,494	146
England	45	50	85	34	57	203	116	512	135	1,189	145

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.

Rainfall

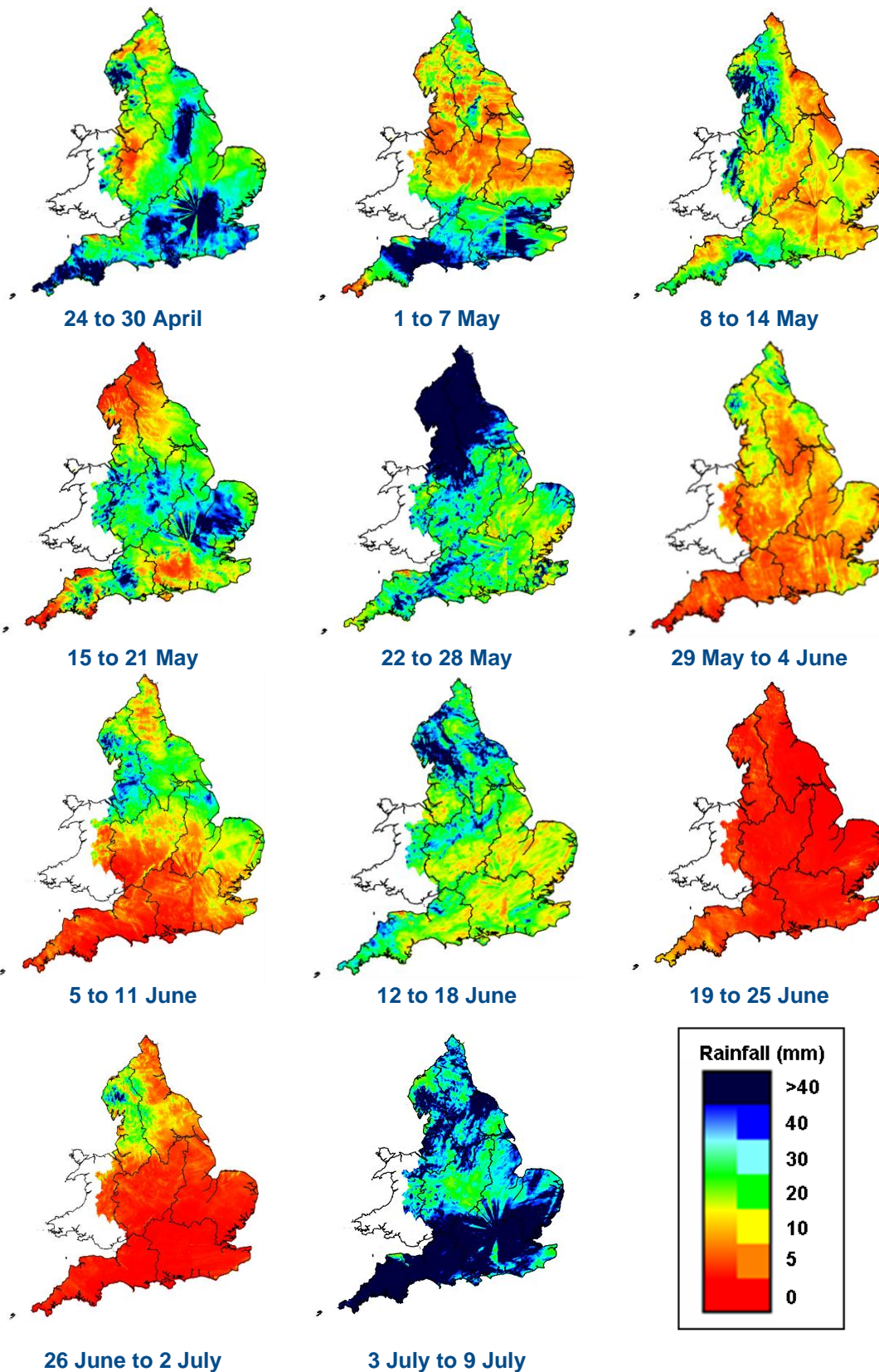
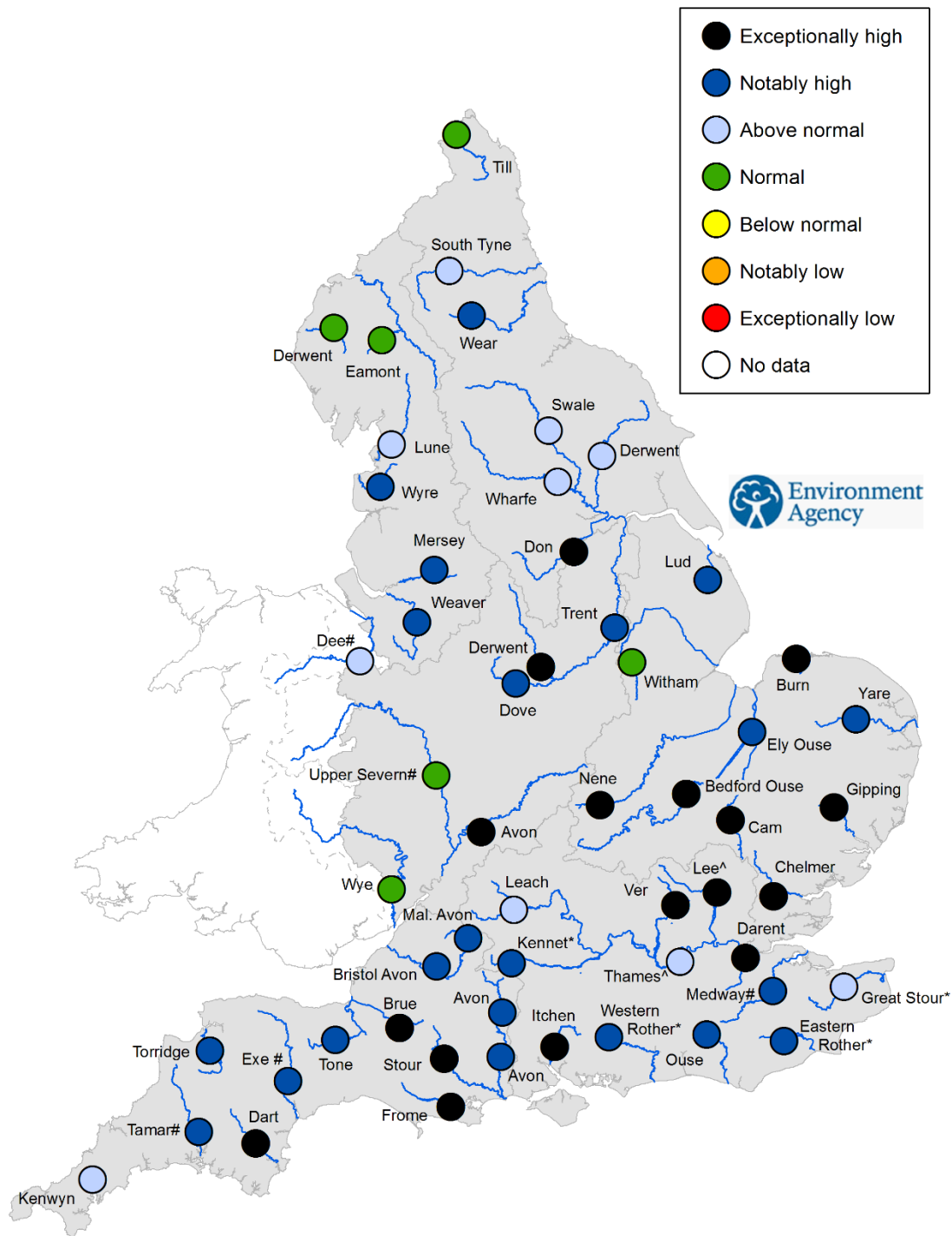


Figure 1 Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2024). Note: Images may sometimes include straight lines originating from the centre of the radar, resulting from tall trees and buildings located near the radar installation 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 year² (Source: Environment Agency). Crown copyright. All rights reserved. Environment Agency, 100024198, 2024³.

²Flow 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.

³The 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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