

Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 12 June to Tuesday 18 June 2024

Summary: It has been a wetter week across England. River flows decreased at the majority of the sites we report on but all remain classed as normal or higher for the time of year.

Rainfall

It has been a wetter week across all of England compared to last week. Rainfall totals ranged from 12mm in east England to 29mm in north-west England (Table 1, Figure 1). Rainfall totals for the month to date range from 30% of the long-term average (LTA) in south-east England to 70% of the LTA in north-east England. (Table 1).

River flow

River flows have decreased at over two-thirds of reporting sites compared to the previous week. Twenty-six sites (47%) are classed as [above normal](#) for the time of year and eighteen sites (33%) are classed as [normal](#). Nine sites (16%) are classed as [notably high](#) and only two sites (4%) are classed as [exceptionally high](#) for the time of year. (Figure 2).

Outlook

Thursday will see largely dry conditions across the country with the chance of showers in north-west England. Some rain is forecast for the west of England and perhaps far southeast on Friday but there should be warm sunshine elsewhere. There is the chance of isolated showers on Saturday, however most of England will have a fine weekend becoming very warm in the sunshine on Sunday. The predominantly fine and settled weather is expected to continue through Monday and Tuesday.

Geographic regions	Latest Week: 12 to 18 Jun 2024	Latest month to date: Jun 2024		Last month: May 2024		Last 3 months: Mar to May 2024		Last 6 months: Dec 2023 to May 2024		Last 12 months: Jun 2023 to May 2024	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	29	52	64	123	163	386	160	911	163	1,766	148
north-east	28	43	70	88	144	266	141	609	149	1,217	145
central	21	32	55	77	133	247	146	560	156	1,063	147
east	12	26	50	71	146	175	124	423	148	841	140
south-east	13	16	30	71	129	239	144	566	156	1,079	147
south-west	18	22	34	91	136	335	156	826	155	1,500	147
England	19	30	51	84	141	264	145	623	155	1,196	146

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.

All data are provisional and may be subject to revision. The views expressed in this document are not necessarily those of the Environment Agency. Its officers, servants or agents accept no liability for any loss or damage arising from the interpretation or use of the information, or reliance upon views contained herein.

Rainfall

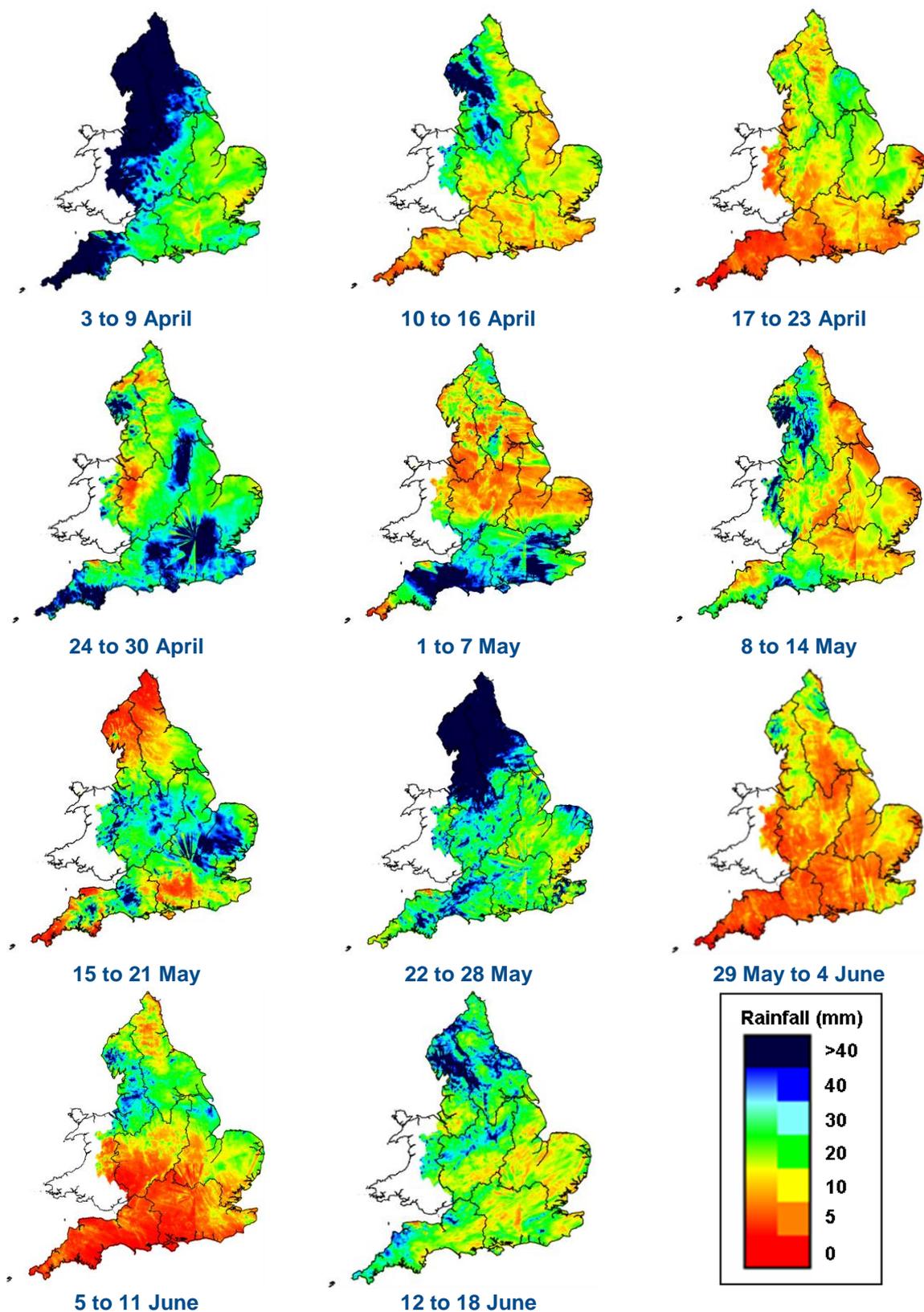
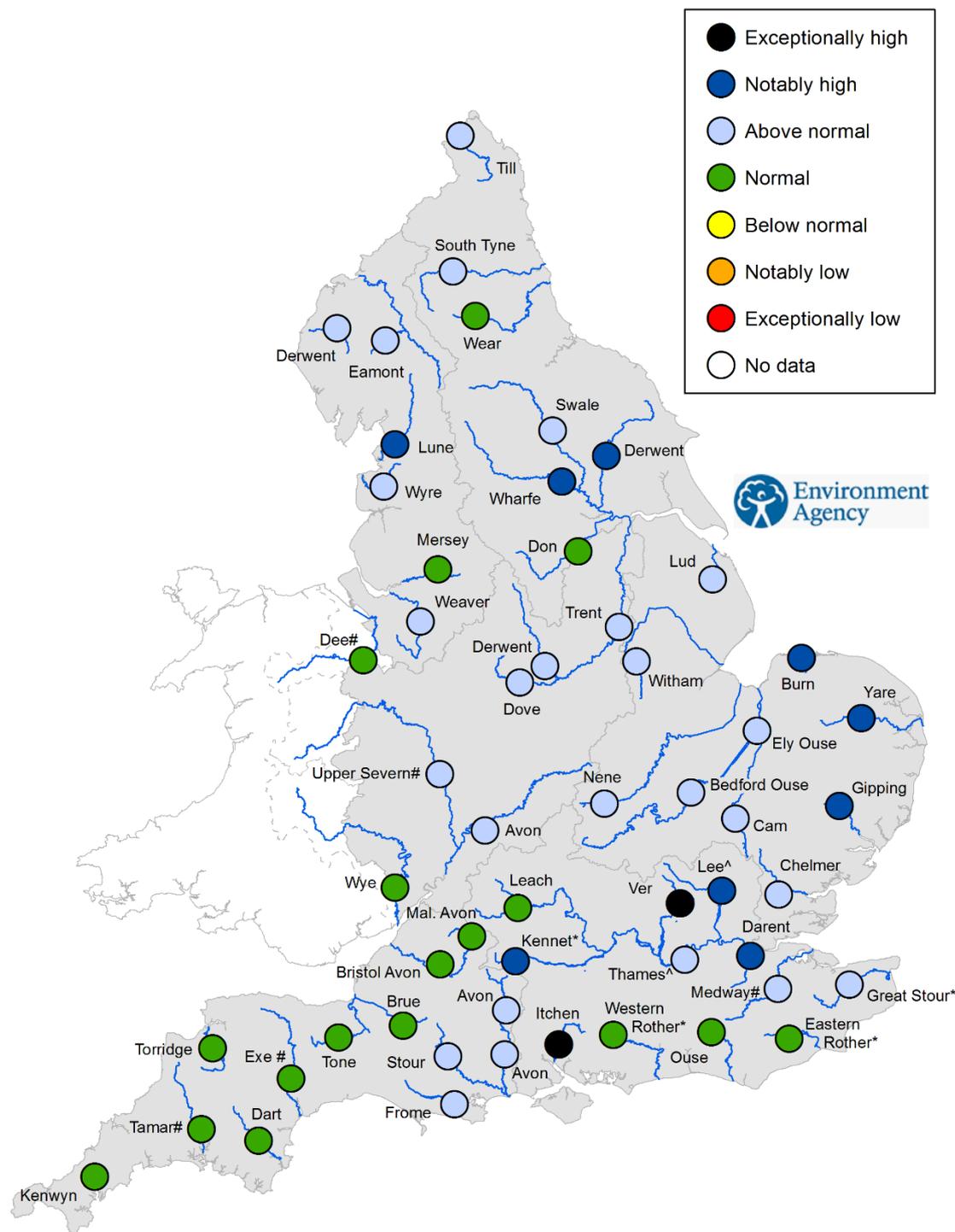


Figure 1 Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2024). Note: Images may sometimes include straight lines originating from the centre of the radar, resulting from tall trees and buildings located near the radar installation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