

Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 19 June to Tuesday 25 June 2024

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

Rainfall

It has been a dry week across all of England compared to last week. Rainfall totals ranged from less than 1mm in north-east, central and south-east England to 3mm in south-west England (Table 1, Figure 1). Rainfall totals for the month to date range from 31% of the long-term average (LTA) in south-east England to 71% of the LTA in the north east England. (Table 1).

River flow

River flows have decreased at nearly all reporting sites compared to the previous week. Only one site (2%) is classed as [below normal](#). Fifteen sites (27%) are classed as [above normal](#), thirty four sites (62%) are classed as [normal](#), three sites (5%) are classed as [notably high](#) and two sites (4%) are classed as [exceptionally high](#) for the time of year. (Figure 2).

Outlook

Thursday will see rain moving south-east across the country, wind and showers in the north-west but remaining dry in the south and east. Some rain is forecast for the north of England on Friday but dry weather with sunny spells and light winds elsewhere. Some rain with strong winds will remain across the north and sunny spells further south through the weekend.

Geographic regions	Latest Week: 19 to 25 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	1	53	65	123	163	386	160	911	163	1,766	148
north-east	< 1	43	71	88	144	266	141	609	149	1,217	145
central	< 1	32	56	77	133	247	146	560	156	1,063	147
east	< 1	26	50	71	146	175	124	423	148	841	140
south-east	< 1	17	31	71	129	239	144	566	156	1,079	147
south-west	3	24	39	91	136	335	156	826	155	1,500	147
England	< 1	31	52	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.

Rainfall

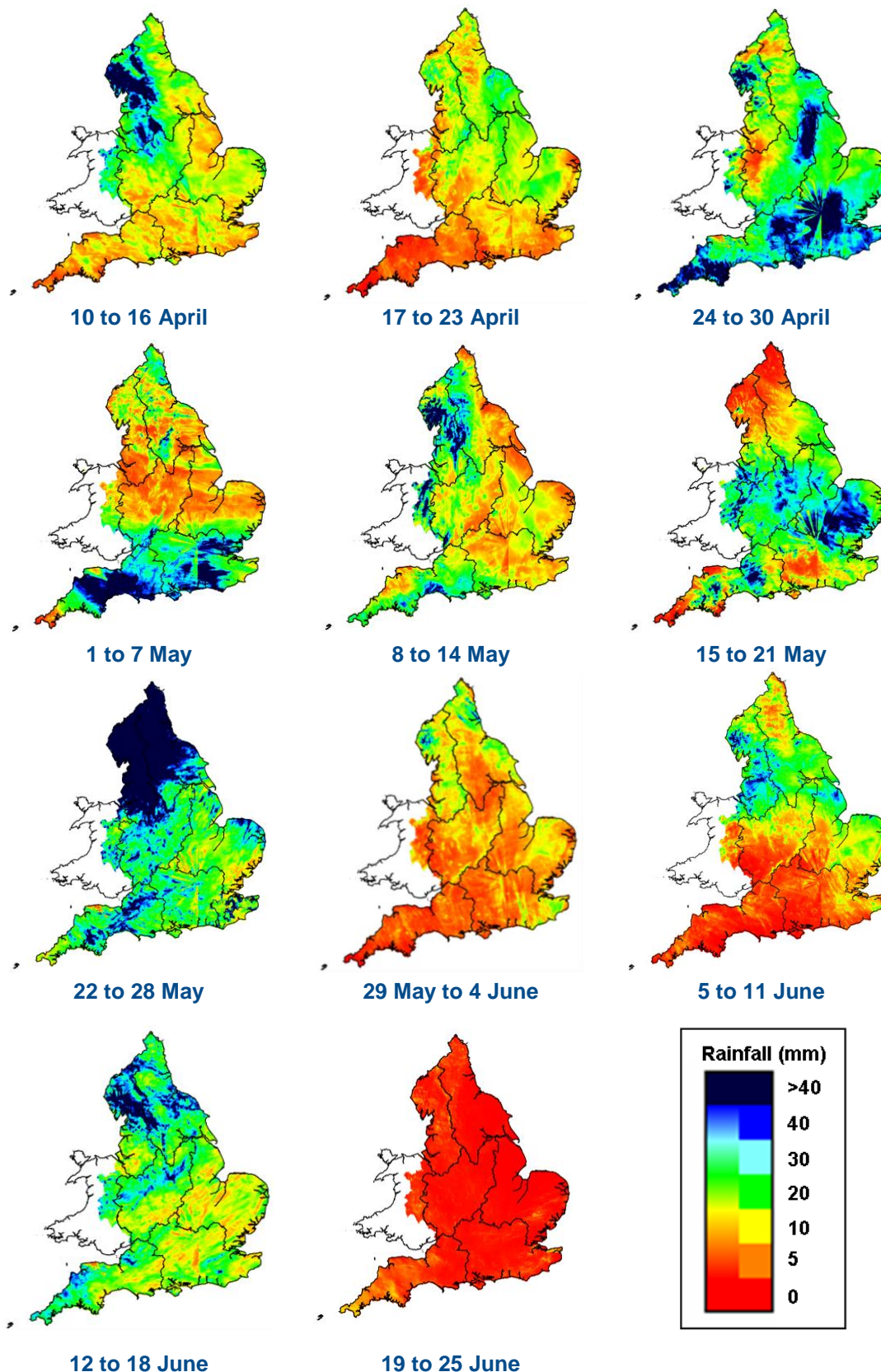
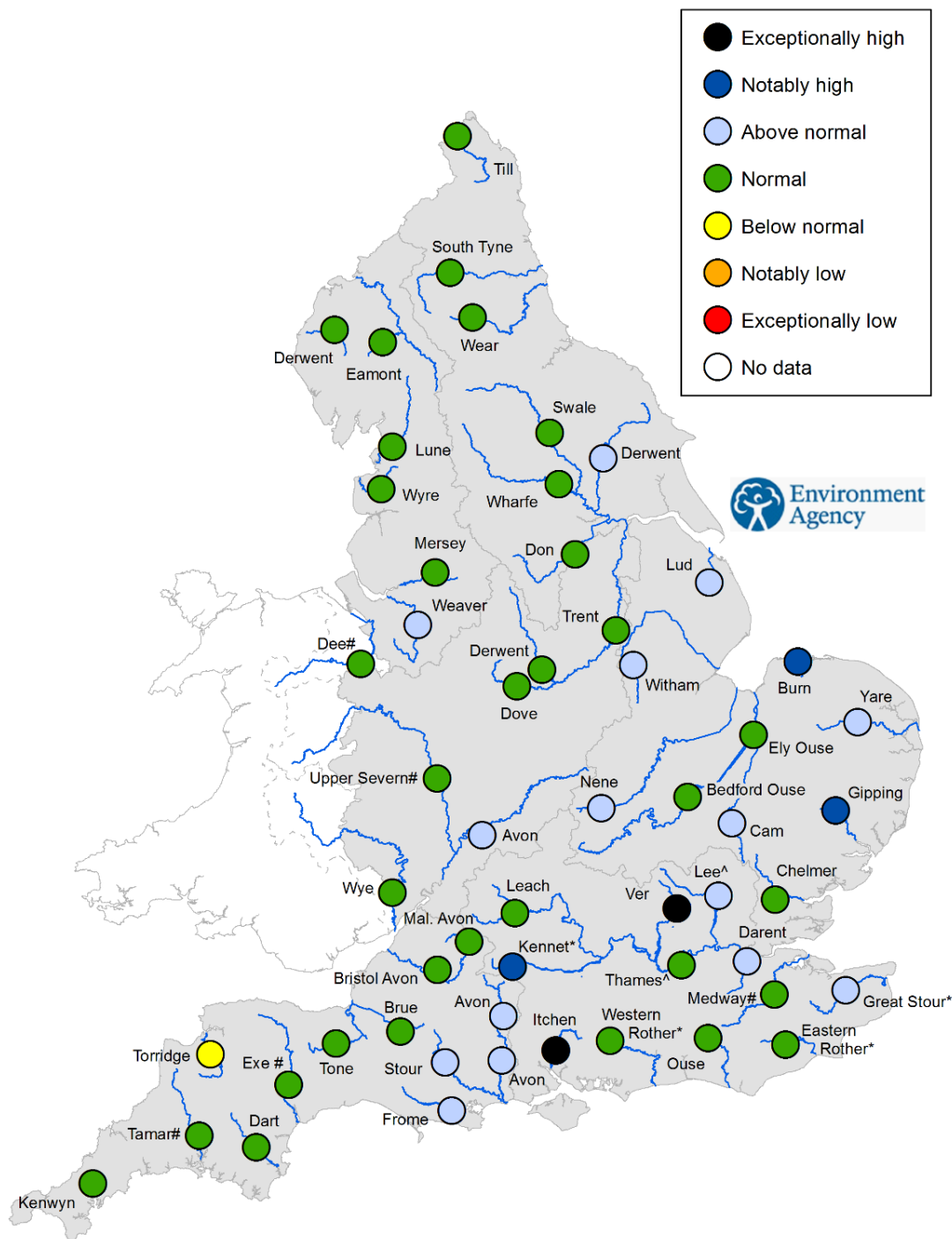


Figure 1 Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2024). Note: Images may sometimes include straight lines originating from the centre of the radar, resulting from tall trees and buildings located near the radar installation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