

# Weekly rainfall and river flow summary

## Weekly bulletin: Wednesday 26 June to Tuesday 2 July 2024

**Summary:** It has been a dry week across most of England. River flows decreased across the country, with flows at the majority of reporting sites classed as normal for the time of year.

### Rainfall

It has been a dry week across the majority of England with only northern areas of England reporting accumulations above of 10mm or greater. Rainfall totals ranged from 1mm in south-west England to 20mm in north-west England (Figure 1). Rainfall totals for the first 2 days of the month range from less than 1% of the long-term average (LTA) in the south-west to 15% of the LTA in north-east England. (Table 1).

### River flow

River flows have decreased at the majority (85%) of reporting sites compared to the previous week, with flow at the majority of sites classed as normal for the time of year. Three sites (5%) are classed as [below normal](#), alongside thirty nine sites (71%) classed as [normal](#) for the time of year. Flows at seven sites (13%) were classed as [above normal](#), four sites (7%) classed as [notably high](#) and two sites (4%) classed as [exceptionally high](#) for the time of year. (Figure 2).

### Outlook

Thursday is expected to bring dry and sunny conditions across most of England, except in the north-west, which has an increased likelihood of frequent showers. Changeable conditions are forecast throughout Friday, and across the weekend. All parts of England are expected to experience a mix of sunshine and showers, with a chance of increased cloud and rainfall over westerns areas. Changeable conditions are likely to persist into Monday and Tuesday.

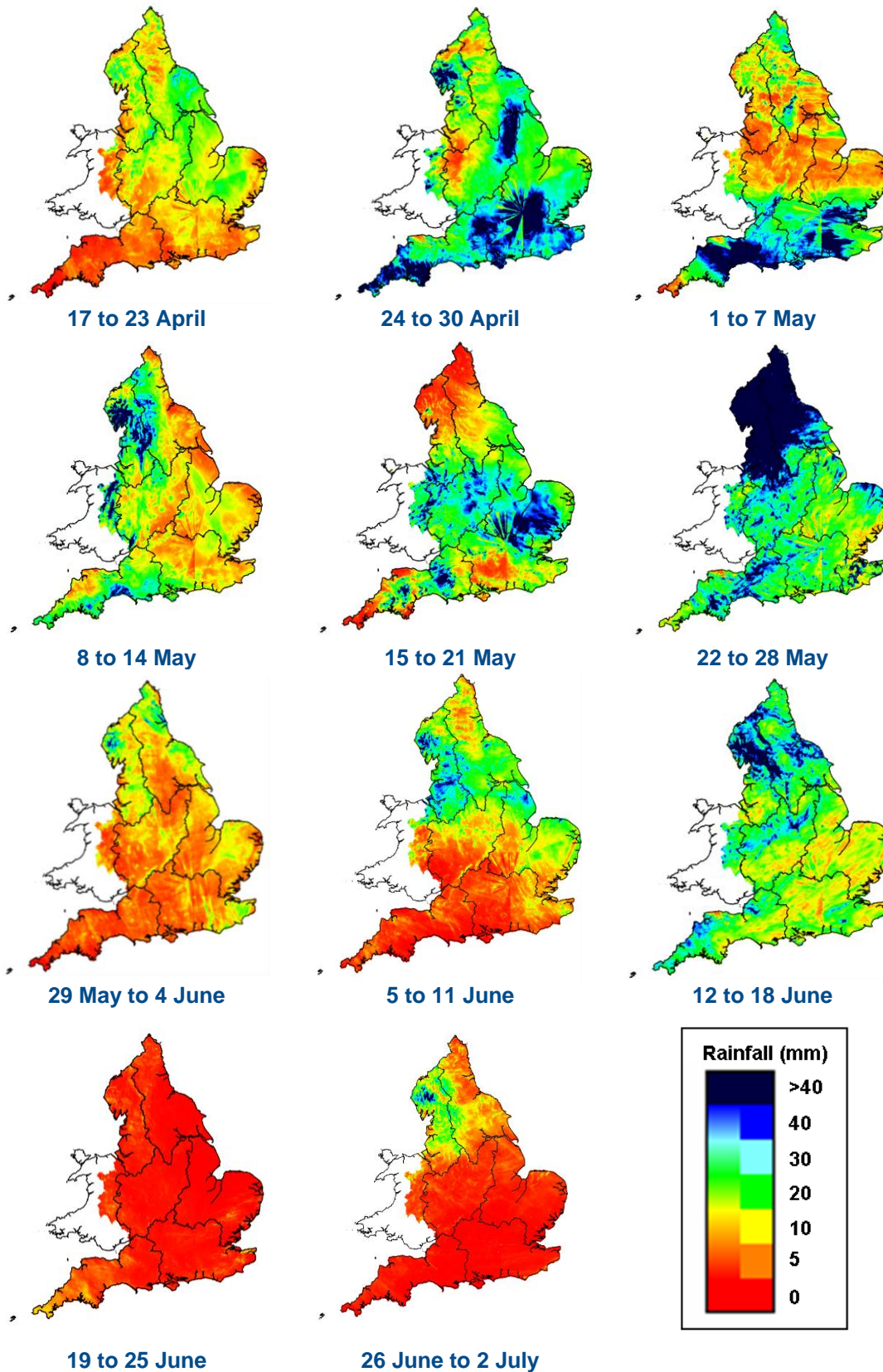
| Geographic regions | Latest Week: 26 Jun to 2 Jul 2024 | Latest month to date: Jul 2024 |       | Last month: Jun 2024 |       | Last 3 months: Apr to Jun 2024 |       | Last 6 months: Jan to Jun 2024 |       | Last 12 months: Jul 2023 to Jun 2024 |       |
|--------------------|-----------------------------------|--------------------------------|-------|----------------------|-------|--------------------------------|-------|--------------------------------|-------|--------------------------------------|-------|
|                    | Total (mm)                        | Total (mm)                     | % LTA | Total (mm)           | % LTA | Total (mm)                     | % LTA | Total (mm)                     | % LTA | Total (mm)                           | % LTA |
| north-west         | 20                                | 11                             | 13    | 70                   | 86    | 330                            | 146   | 753                            | 146   | 1,763                                | 147   |
| north-east         | 14                                | 9                              | 15    | 45                   | 73    | 231                            | 129   | 495                            | 128   | 1,217                                | 145   |
| central            | 5                                 | 4                              | 7     | 32                   | 55    | 183                            | 108   | 454                            | 132   | 1,045                                | 145   |
| east               | 7                                 | 6                              | 12    | 26                   | 51    | 155                            | 106   | 358                            | 127   | 842                                  | 140   |
| south-east         | 2                                 | 1                              | 3     | 19                   | 34    | 165                            | 102   | 473                            | 138   | 1,064                                | 145   |
| south-west         | 1                                 | <1                             | 1     | 27                   | 43    | 212                            | 110   | 667                            | 140   | 1,494                                | 146   |
| England            | 7                                 | 5                              | 9     | 34                   | 57    | 203                            | 116   | 512                            | 135   | 1,189                                | 145   |

**Table 1** Latest rainfall summary information (Source: Met Office © Crown Copyright, 2024)<sup>1</sup>

<sup>1</sup> 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.

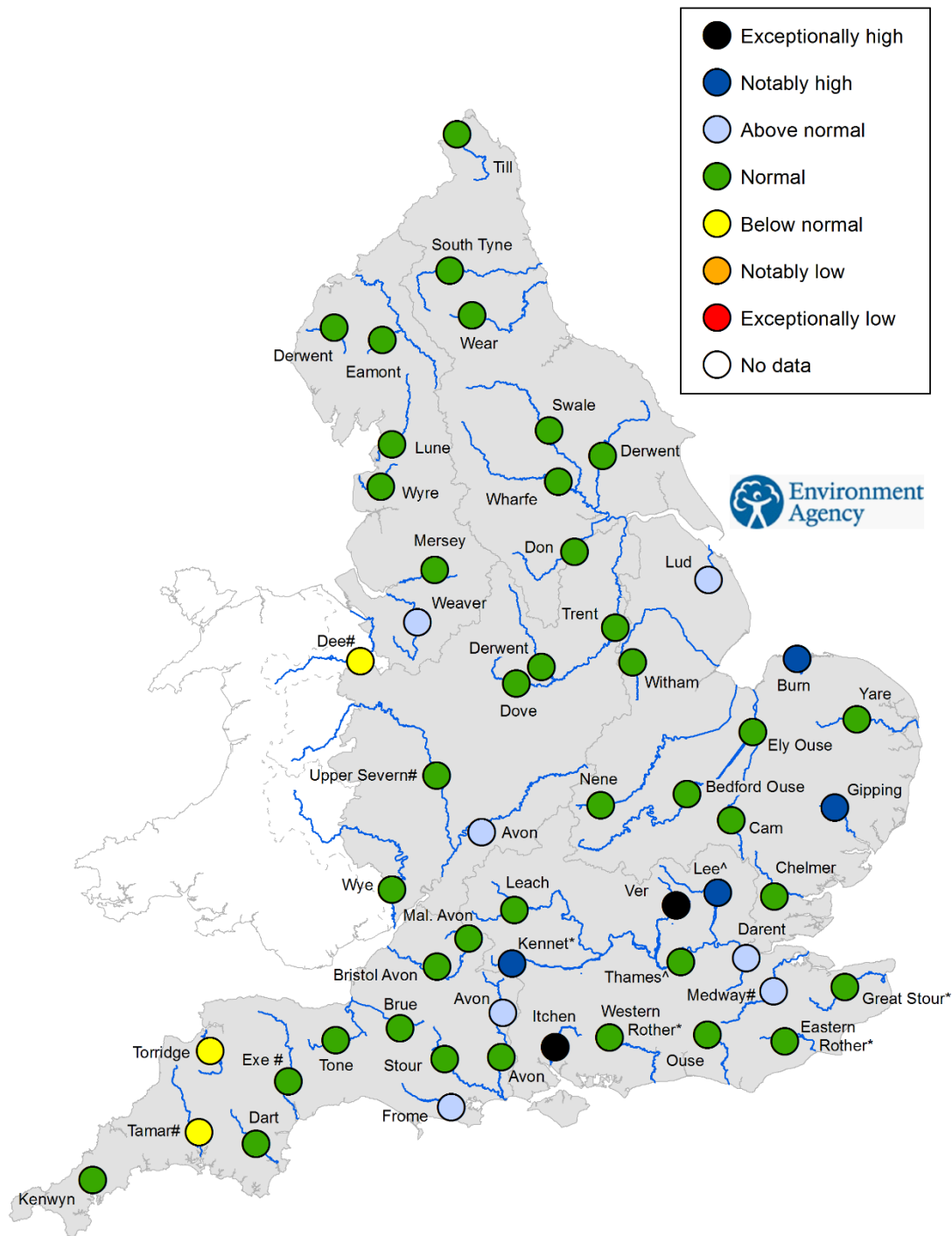
All data are provisional and may be subject to revision. The views expressed in this document are not necessarily those of the Environment Agency. Its officers, servants or agents accept no liability for any loss or damage arising from the interpretation or use of the information, or reliance upon views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



<sup>^</sup>'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, classified by flow percentile for the same time of year<sup>2</sup> (Source: Environment Agency). Crown copyright. All rights reserved. Environment Agency, 100024198, 2024<sup>3</sup>.

<sup>2</sup>Flow 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.

<sup>3</sup>The 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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