

# Weekly rainfall and river flow summary

## Weekly bulletin: Wednesday 20 July to Tuesday 26 July 2022

**Summary:** It has been a wetter week across the whole of England compared with last week. River flows increased across a majority of sites we report on with most still being classed as below normal or lower for the time of year.

### Rainfall

It has been a wetter week across the whole of England compared with last week, particularly in central and northern England. Rainfall totals ranged from 3mm in east and south-east England to 25mm in north-west England (Table 1, Figure 1). Rainfall totals for July so far range from only 9% of the long-term average (LTA) in east and south-east England to 48% of the LTA in north-west England (Table 1).

### River flow

River flows increased at 62% of the sites we report on compared with the previous week. 25% of sites were classed as [normal](#), 35% were classed as [below normal](#), 22% were classed as [notably low](#) whilst 18% of sites were classed as [exceptionally low](#) for the time of year (Figure 2).

### Outlook

Thursday is forecast to be a mixture of cloud and light rain showers particularly in central and northern England with sunny intervals elsewhere. Friday is forecast to have good spells of sunshine across the country. The weekend will be predominantly cloudy with light rain in north-west England and some sunny intervals in east England. Monday and Tuesday will remain cloudy for most with showers in northern England and sunny intervals for east and south-east England.

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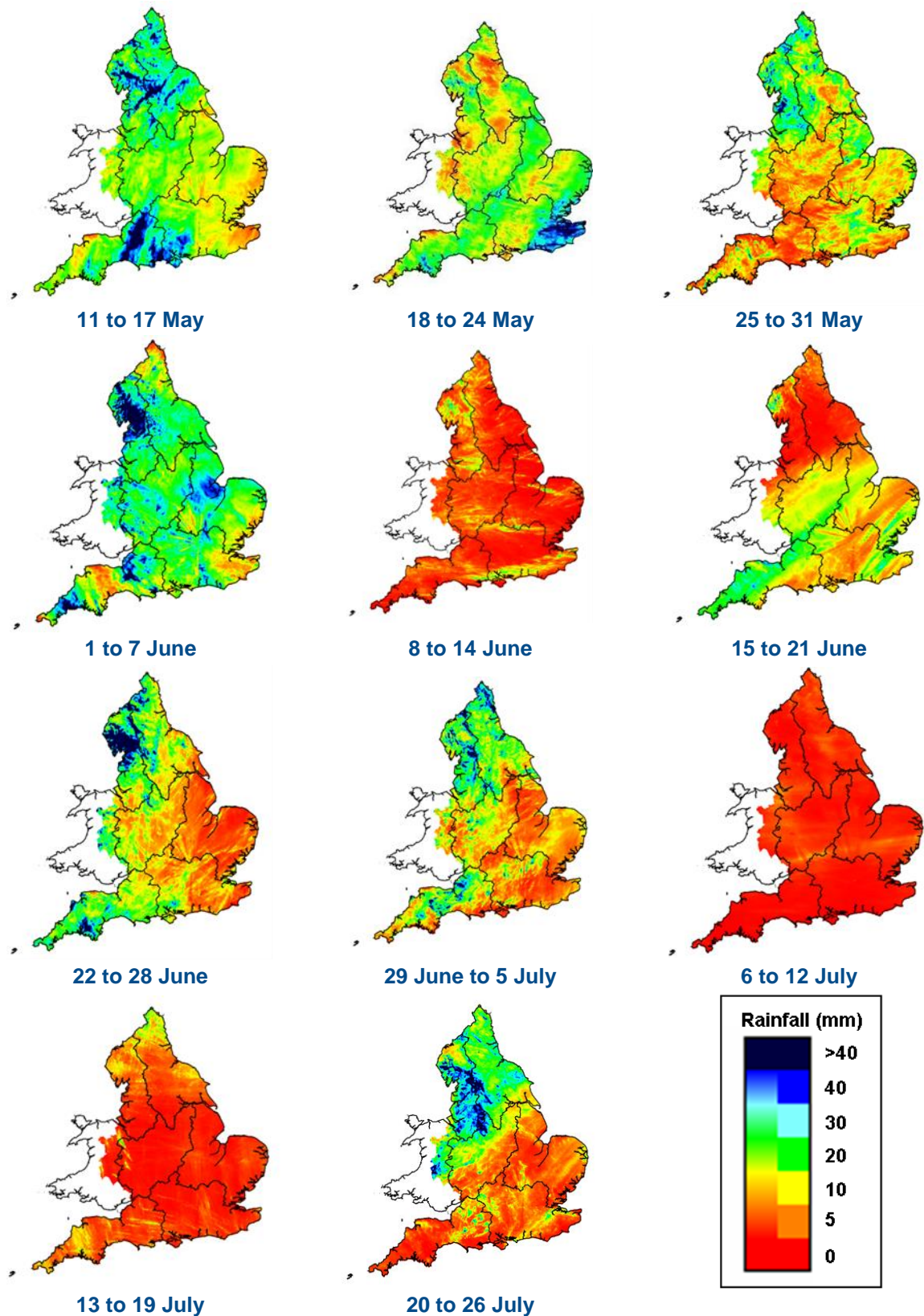
Geographic regions	Latest Week: 20 to 26 Jul 2022	Latest month to date: Jul 2022		Last month: Jun 2022		Last 3 months: Apr to Jun 2022		Last 6 months: Jan to Jun 2022		Last 12 months: Jul 2021 to Jun 2022	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	25	41	48	72	89	192	85	481	93	1,184	99
north-east	16	27	43	39	64	125	69	316	81	758	90
central	11	16	30	45	77	113	67	273	79	648	90
east	3	5	9	35	67	85	58	195	69	487	81
south-east	3	4	9	35	63	100	62	225	66	610	83
south-west	5	10	17	58	92	141	74	344	72	891	87
England	9	15	26	45	74	120	68	291	76	726	88

**Table 1** Latest rainfall summary information (Source: Met Office © Crown Copyright, 2022)<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.

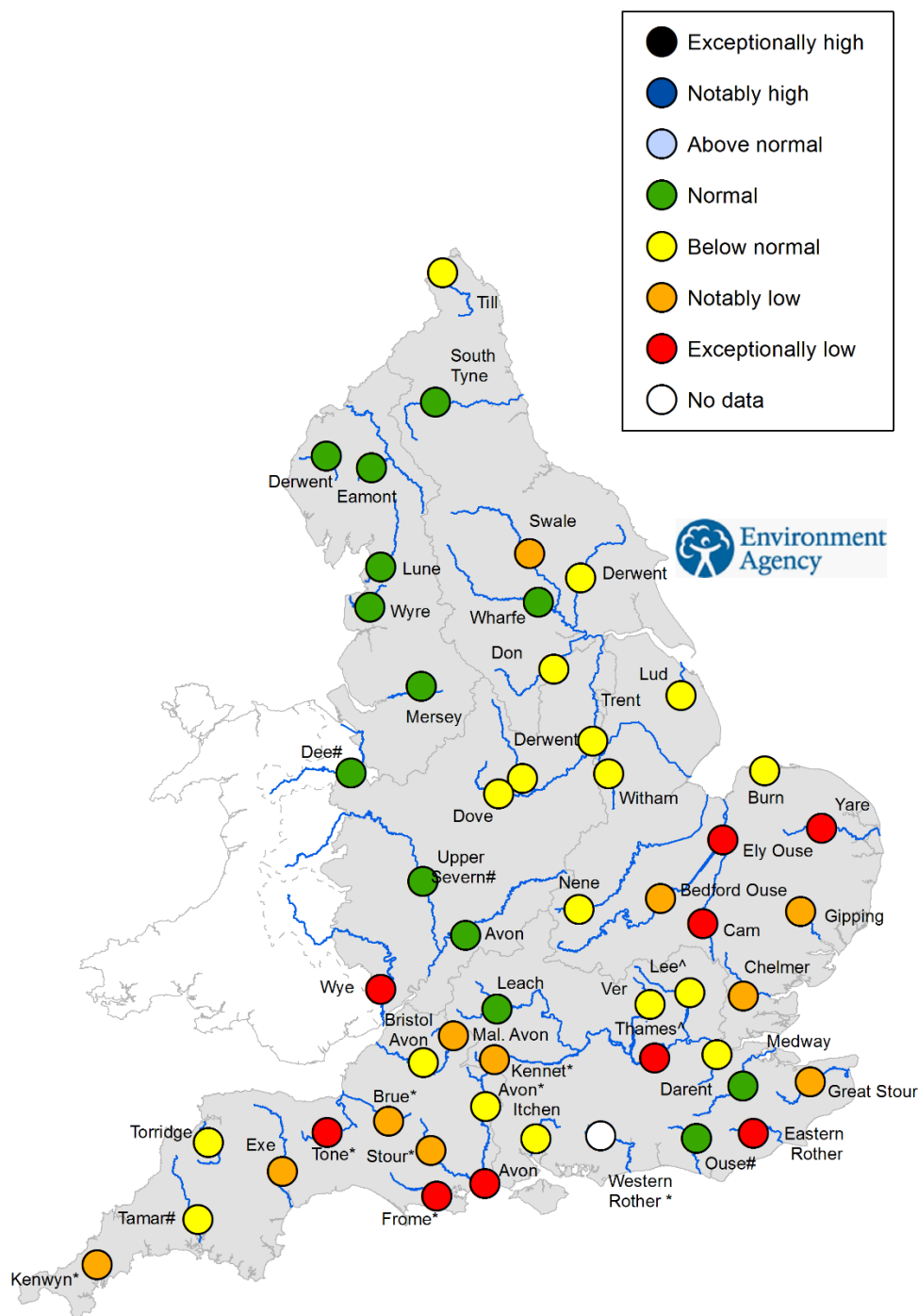
All data are provisional and may be subject to revision. The views expressed in this document are not necessarily those of the Environment Agency. Its officers, servants or agents accept no liability for any loss or damage arising from the interpretation or use of the information, or reliance upon views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

# Rainfall



**Figure 1** Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2022). 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, 2022.

# 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 year<sup>2</sup> (Source: Environment Agency). Crown copyright. All rights reserved. Environment Agency, 100024198, 2022<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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