

# Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 22 to Tuesday 28 June 2016

**Summary:** for a third week, it has been wet across much of England, with river flows remaining normal or higher for the time of year.

## Rainfall

The past week has been wet across England, particularly in the south-east. Rainfall totals ranged from 17mm in central England to 44mm in south-east England (Table 1 and Figure 1). Cumulative rainfall totals for the month to date range from 108% of the June long term average (LTA) in north-east England to 190% in south-east England (Table 1).

## River flow

River flows have decreased at the majority of our indicator sites compared to last week. The latest daily mean flows are [normal](#) or higher for the time of year at all but one of our sites; with 4 sites being [exceptionally high](#) for the time of year (Figure 2).

## Outlook

Heavy rain on Wednesday will clear during Thursday, although outbreaks of rain and showers may continue in some areas. Friday and Saturday will continue to be unsettled, with some locally heavy rain in the north. Monday and Tuesday will remain unsettled, with bands of rain affecting the north and west.

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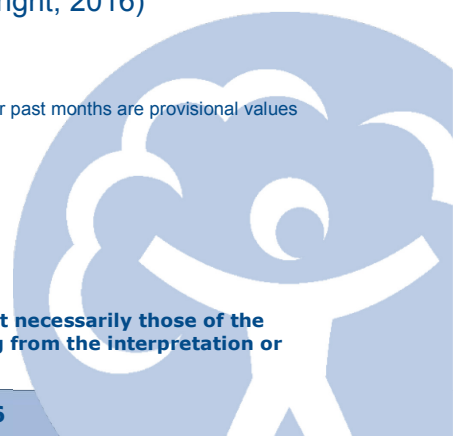
Geographic regions	Latest Week: 22 to 28 Jun 2016	Latest month to date: Jun 2016		Last month: May 2016		Last 3 months: Mar 2016 to May 2016		Last 6 months: Dec 2015 to May 2016		Last 12 months: Jun 2015 to May 2016	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	26	99	126	47	64	229	98	894	165	1,517	131
north-east	20	64	108	41	69	201	109	616	154	1,096	134
central	17	107	187	54	94	201	120	460	129	815	114
east	32	95	186	49	101	180	128	337	118	667	112
south-east	44	103	190	62	114	202	123	457	127	839	115
south-west	17	96	154	61	91	214	101	637	121	1,178	117
England	27	94	159	52	89	202	113	539	135	975	121

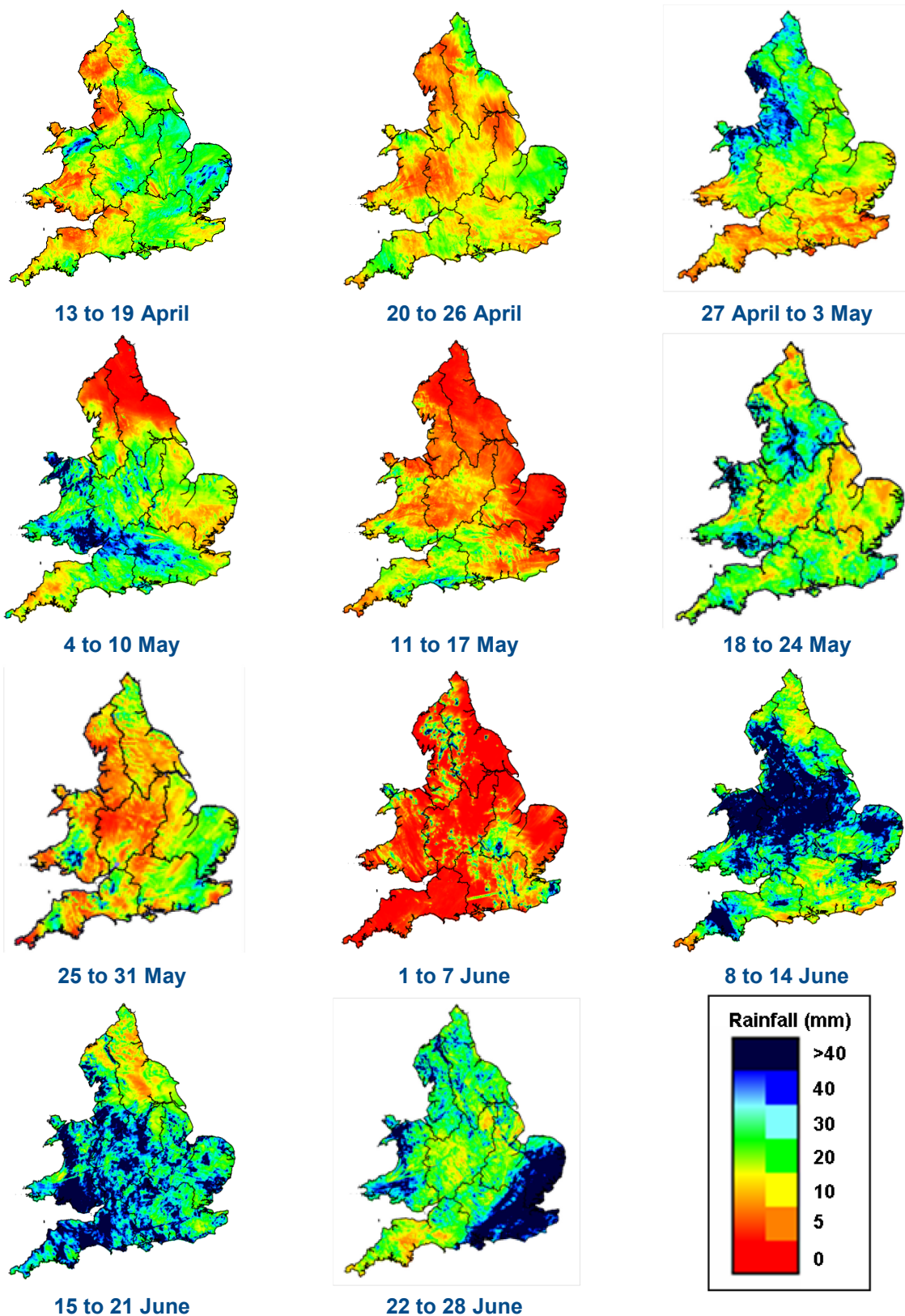
**Table 1:** Latest rainfall summary information (Source: Met Office © Crown Copyright, 2016)<sup>1</sup>

<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 is 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.

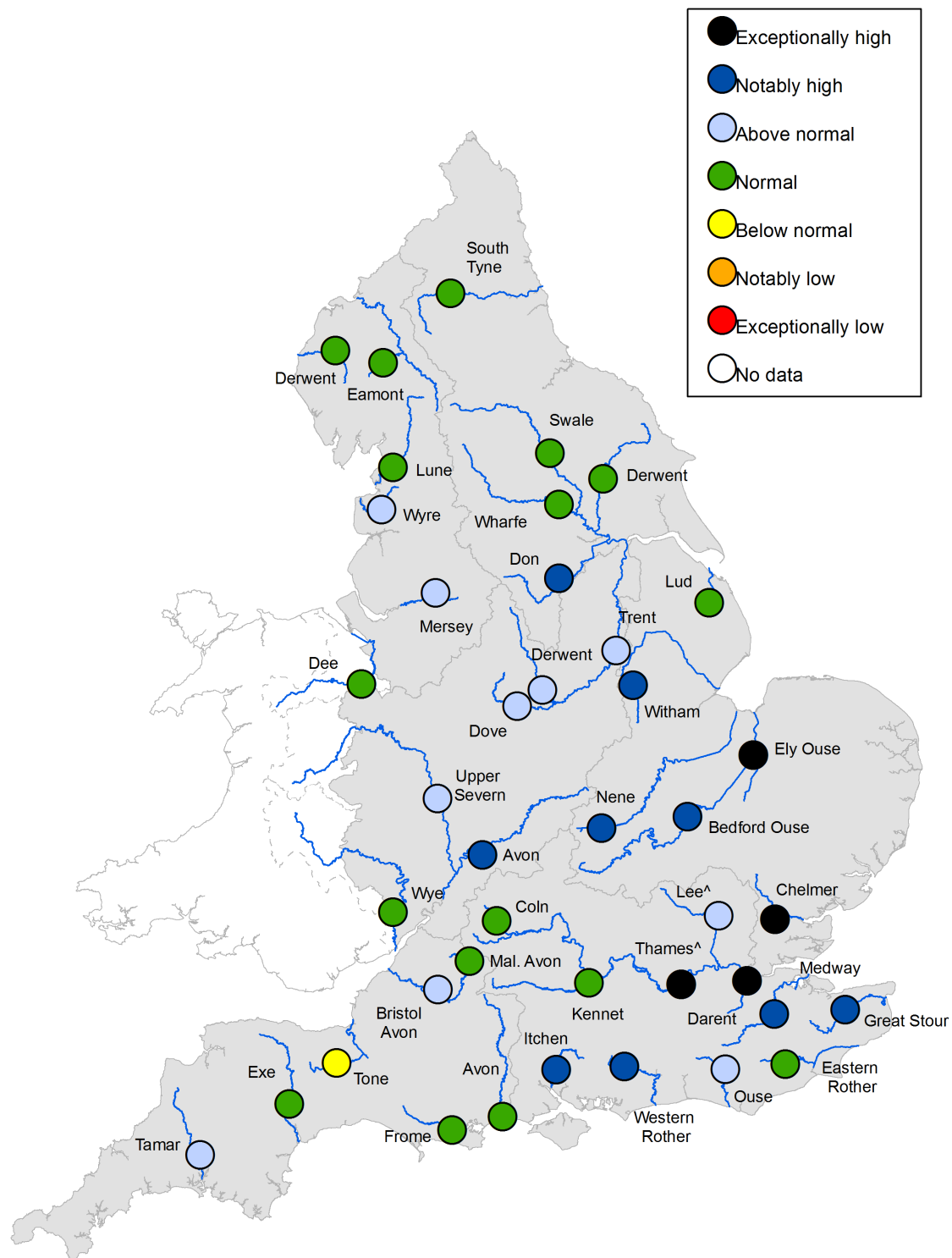
All data are provisional and may be subject to revision. The views expressed in this document are not necessarily those of the Environment Agency. Its officers, servants or agents accept no liability for any loss or damage arising from the interpretation or use of the information, or reliance upon views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





**Figure 1:** Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2016). Note: Radar beam blockages may give anomalous totals in some areas. Crown copyright. All rights reserved. Environment Agency, 100026380, 2016.

# River flow



<sup>^</sup> – ‘Naturalised’ flows are provided for the Thames at Kingston and the Lee at Feildes Weir.

**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, 100026380, 2016.

<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.

## River flow categories

Exceptionally high  
Notably high  
Above normal  
Normal  
Below normal  
Notably low  
Exceptionally low

Value likely to fall within this band 5% of the time  
Value likely to fall within this band 8% of the time  
Value likely to fall within this band 15% of the time  
Value likely to fall within this band 44% of the time  
Value likely to fall within this band 15% of the time  
Value likely to fall within this band 8% of the time  
Value likely to fall within this band 5% of the time

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