

# Weekly rainfall and river flow summary

## Weekly bulletin: Wednesday 2 to Tuesday 8 March 2016

**Summary: A wet week across all of England. Flows are mostly normal for the time of year.**

### Rainfall

The past week has been wet across all of England. Rainfall totals ranged from 30mm in south-east England to 39mm in south-west England (table 1 and figure 1). Cumulative rainfall totals for March to date range from 48% of the long term average (LTA) in north-west England to 84% in east England (table 1).

### River flow

River flows have increased at just over half of the sites compared to last week. The latest daily mean flows are normal or higher for the time of year at all sites, with just over two-thirds of the sites being normal for the time of year (figure 2).

### Outlook

Thursday, Friday and over the weekend will be mostly dry with just a few isolated showers. The settled weather is expected to continue for Monday and Tuesday with low rainfall totals expected.

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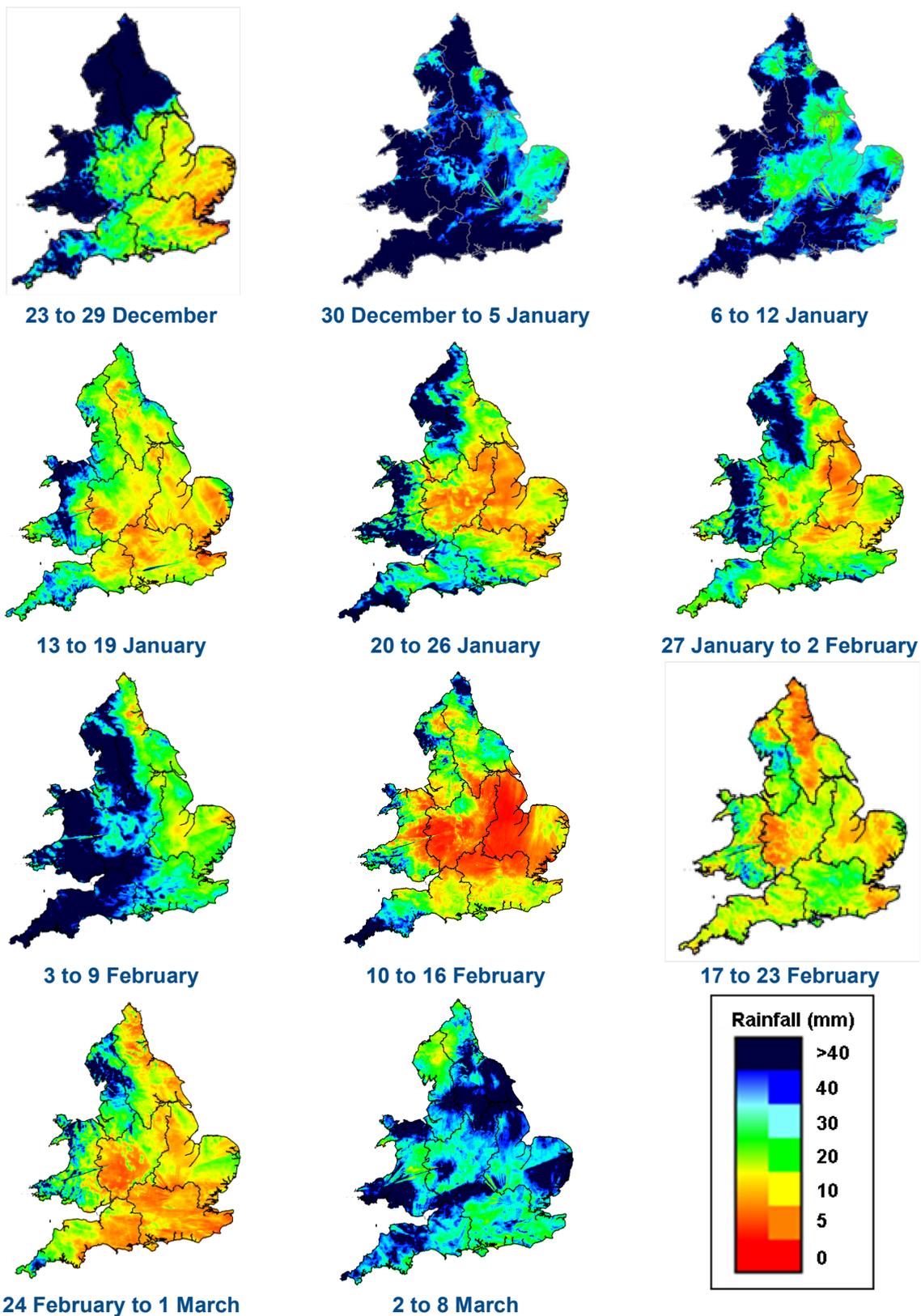
Geographic regions	Latest Week: 2 to 8 Mar 2016	Latest month to date: Mar 2016		Last month: Feb 2016		Last 3 months: Dec 2015 to Feb 2016		Last 6 months: Sep 2015 to Feb 2016		Last 12 months: Mar 2015 to Feb 2016	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	37	44	48	140	187	682	221	1064	161	1630	140
north-east	38	41	61	70	121	422	195	706	160	1110	135
central	38	41	73	67	131	262	139	442	118	765	107
east	34	39	84	33	88	159	110	322	107	591	99
south-east	30	35	59	53	109	258	131	457	113	753	103
south-west	39	46	55	114	136	414	132	674	112	1115	111
England	36	41	63	74	130	339	155	573	129	941	116

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

<sup>1</sup> Notes:

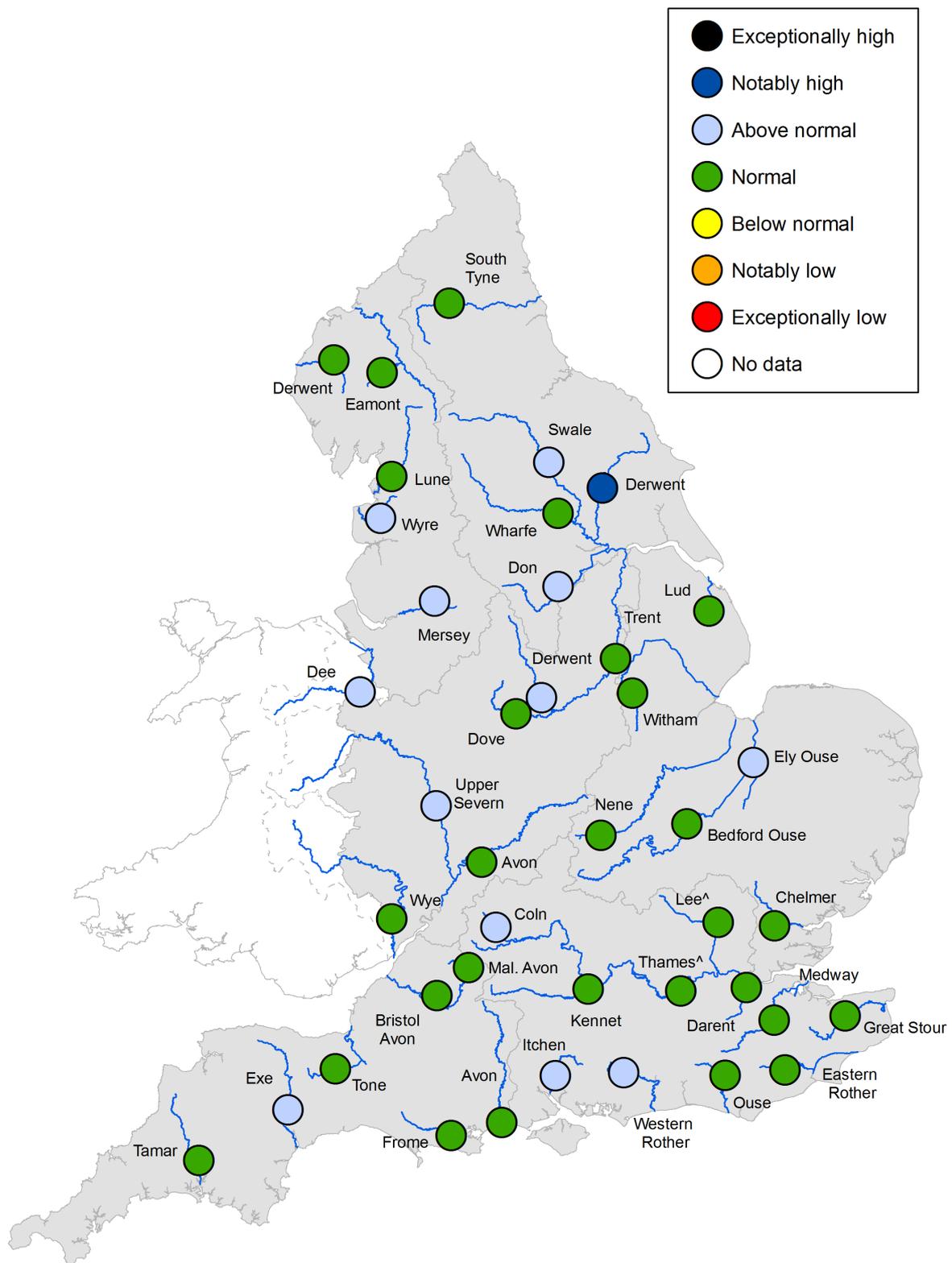
- LTA = long term average rainfall for 1961 – 1990.
- Data for the current month are calculated using MORECS (Met Office Rainfall and Evaporation Calculation System); data for past months are provisional values from the National Climate Information Centre (NCIC).
- The data is rounded to the nearest 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



^ – ‘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	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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