

# Weekly rainfall and river flow summary

## Weekly bulletin: Wednesday 6 to Tuesday 12 January 2016

**Summary: The past week has again been wet across England and river flows are high**

### Rainfall

It has been another wet week across England, with rainfall totals ranging from 30mm in east England to 61mm in north-west England (table 1 and figure 1). Cumulative rainfall totals for January to date, already range from 86% of the monthly long term average (LTA) in north-west and south-west England to 108% in north-east England (table 1).

### River flow

River flows at just under half of our indicator sites, predominantly in east and south-east England, have increased this week compared to the previous week. The latest daily mean flows are [notably high](#) or [exceptionally high](#) for the time of year at slightly less than half of sites, with the remaining sites being [normal](#) or [above normal](#) (figure 2).

### Outlook

Rain, locally heavy, may affect some parts of west and south-east England on Thursday. Showers on Friday will clear during Saturday. Sunday will be predominantly cold and dry and these conditions are likely to persist into Monday and Tuesday.

Author: [E&B Hydrology Team](#)

Geographic regions	Latest Week: 06 to 12 Jan 2016	Latest month to date: Jan 2016		Last month: Dec 2015		Last 3 months: Oct 2015 to Dec 2015		Last 6 months: Jul 2015 to Dec 2015		Last 12 months: Jan 2015 to Dec 2015	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	61	98	86	346	289	678	187	951	144	1521	131
north-east	41	85	108	198	245	438	187	669	152	1013	124
central	31	59	90	103	143	242	123	422	113	707	99
east	30	49	96	57	103	171	104	364	115	576	96
south-east	41	77	107	81	107	215	98	445	115	725	100
south-west	46	98	86	124	106	312	98	628	117	1042	103
England	40	76	95	137	165	317	133	550	127	882	109

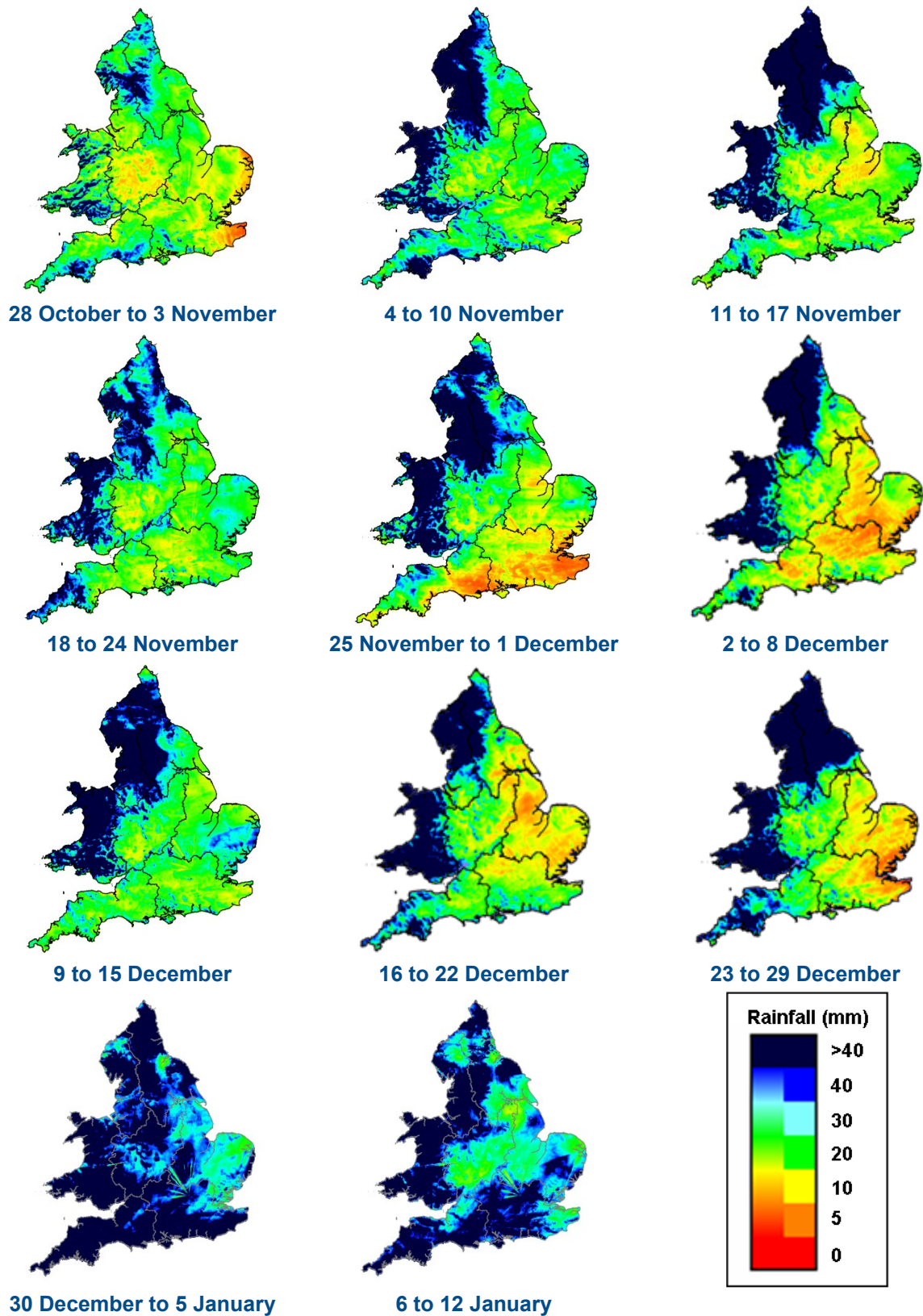
**Table 1:** Latest rainfall summary information (Source: Met Office © Crown Copyright, 2015)<sup>1</sup>

<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.

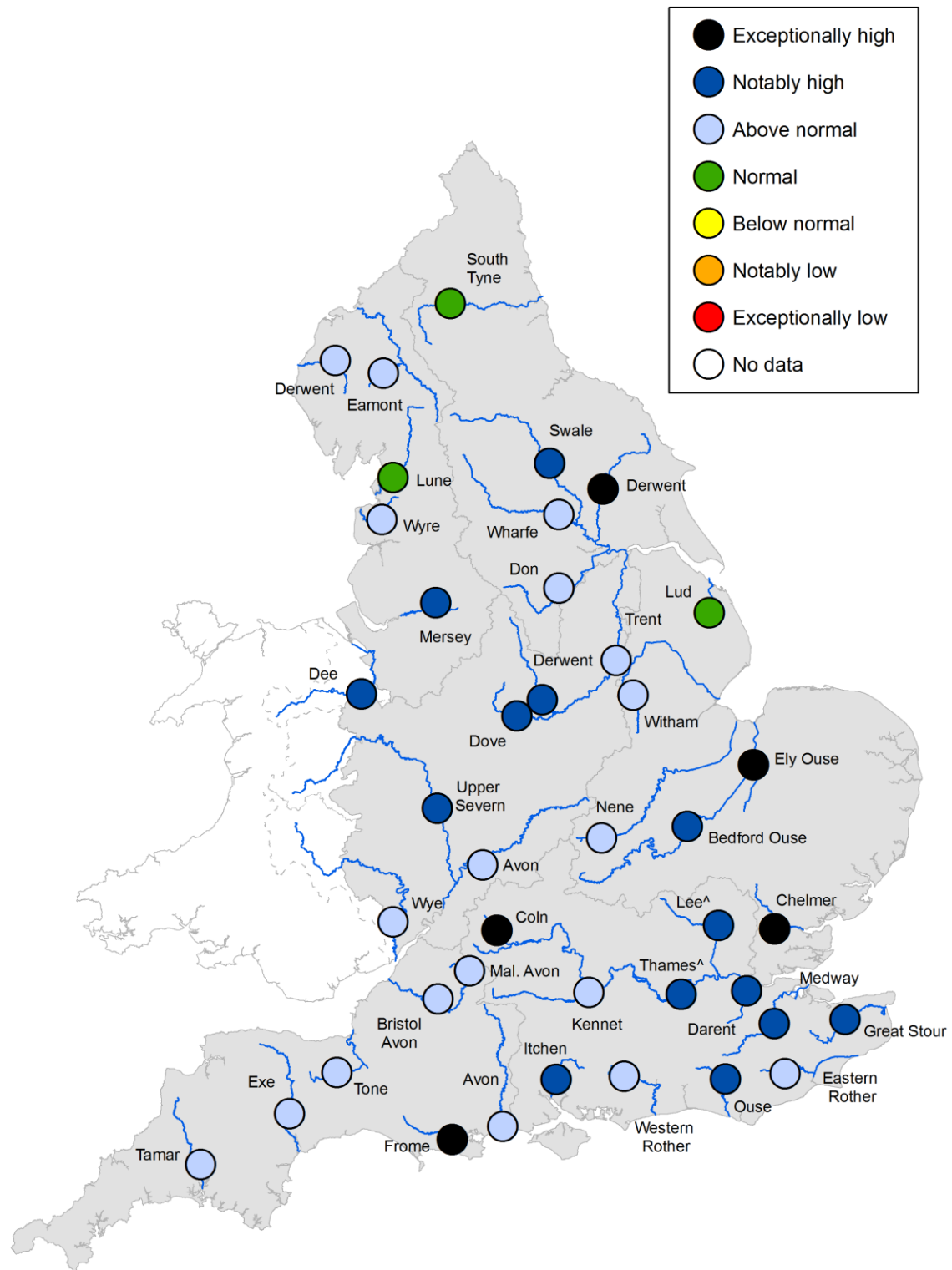
All data are provisional and may be subject to revision. The views expressed in this document are not necessarily those of the Environment Agency. Its officers, servants or agents accept no liability for any loss or damage arising from the interpretation or use of the information, or reliance upon views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

[Return to summary page](#)