

# Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 9 to Tuesday 15 November 2016

**Summary: Wetter weather has continued this week, particularly in north-west England and river flows have increased at nearly all indicator sites.**

## Rainfall

The wetter weather has continued over the past week, particularly in north-west England (Figure 1). Rainfall totals ranged from 15mm in central and east England to 39mm in north-west England. Cumulative rainfall totals for November to date range from 39% of the long term average (LTA) in south-west England to 62% in south-east England (Table 1).

## River flow

River flows increased at all but 4 indicator sites across England compared to the previous week. The latest daily mean river flows are now [normal](#) or higher for the time of year at nearly two-thirds of sites; the remaining sites that are [below normal](#) or lower for the time of year are mainly concentrated in south-west England and parts of central and south-east England (Figure 2).

## Outlook

Showers will affect many areas on Thursday and Friday, particularly in the north and west of England where snow may fall on higher ground. Showers will be less prevalent on Saturday before a low pressure system moves in from the south-west on Sunday bringing longer spells of rain. The rain is expected to be heavy in the south and south-east of England and to fall as snow in the north. On Monday another low pressure system is expected to bring further rain which will be heavy in places, particularly the south-west. Drier conditions will prevail briefly on Tuesday before more unsettled weather returns.

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

Geographic regions	Latest week: 09 to 15 Nov 2016	Latest month to date: Nov 2016		Last month: Oct 2016		Last 3 months: Aug 2016 to Oct 2016		Last 6 months: May 2016 to Oct 2016		Last 12 months: Nov 2015 to Oct 2016	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	39	65	54	40	32	284	84	564	99	1,658	143
north-east	24	49	60	52	71	203	93	382	96	1,101	134
central	15	35	54	27	45	143	77	334	95	819	115
east	15	33	58	40	79	129	84	312	103	666	111
south-east	14	45	62	29	42	115	60	293	84	761	105
south-west	20	41	39	47	48	199	78	384	86	1,087	108
England	20	43	54	39	52	170	80	364	94	963	119

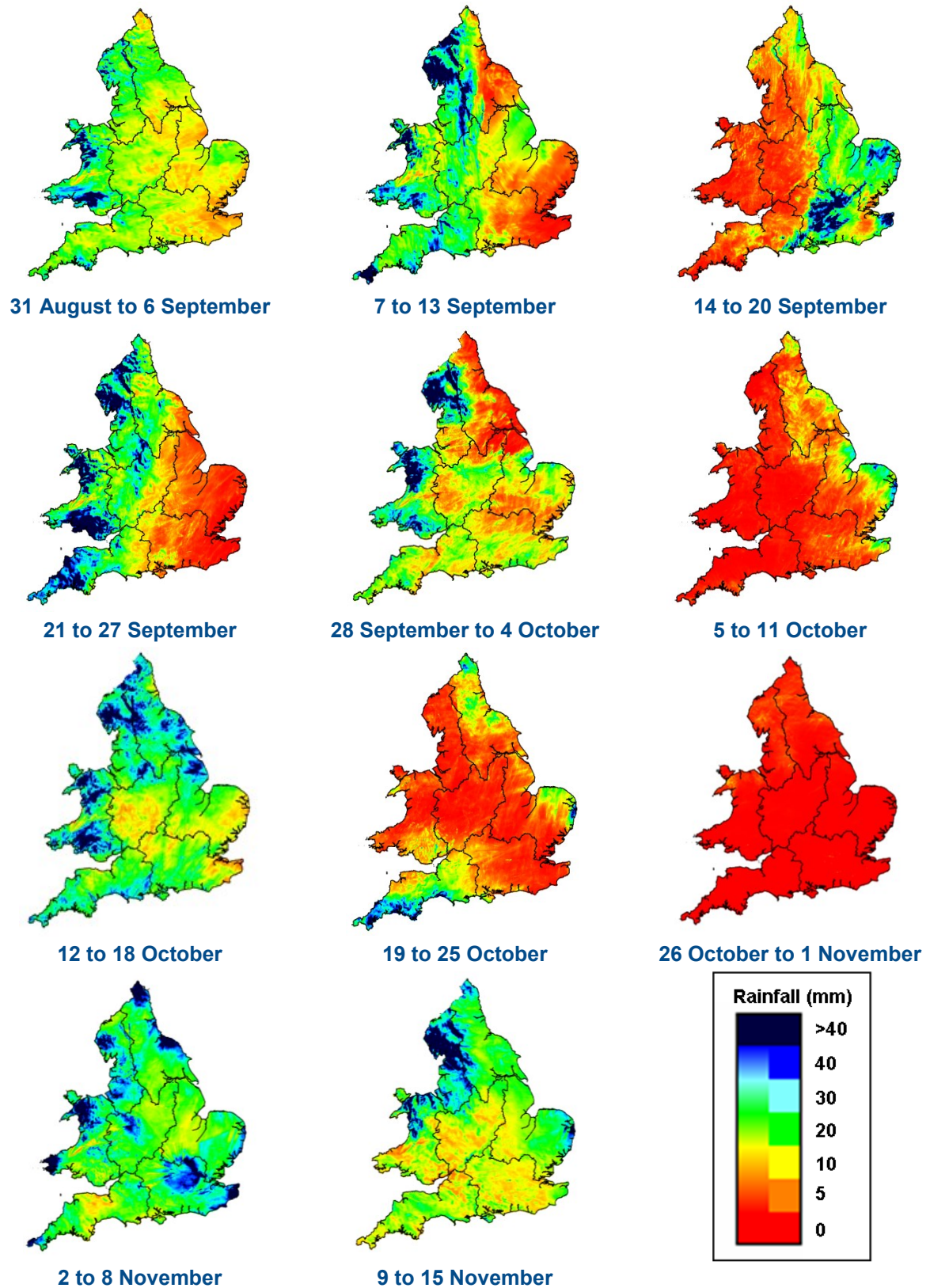
**Table 1** Latest rainfall summary information (Source: Met Office © Crown Copyright, 2016)<sup>1</sup>

<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.

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## Rainfall



**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 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](#)