

Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 4 to Tuesday 10 November 2015

Summary: wet across England, especially in the north. River flows have increased.

Rainfall

The past week has been wet across most of England, with the highest rainfall totals in the north. Rainfall totals have ranged from 19mm in east England to 74mm in north-west England (table 1 and figure 1).

Cumulative rainfall totals for the month to date range from 37% of the November long term average (LTA) in south-east and south-west England to 66% in north-west England (table 1).

River flow

River flows have increased at all but one of our indicator sites over the past week. The latest daily mean flows are [normal](#) for the time of year at two-thirds of our indicator sites and [above normal](#) or higher for the time of year for all but one of the remaining sites (figure 2).

Outlook

The forthcoming week will generally be unsettled over the whole period. Bands of rain will move in from the west and move south-eastwards on Thursday and Friday. These may be locally heavy, but may also be interspersed with drier periods. This will be followed by another frontal system from the west on Saturday and Sunday. Showery conditions will remain on Monday and Tuesday.

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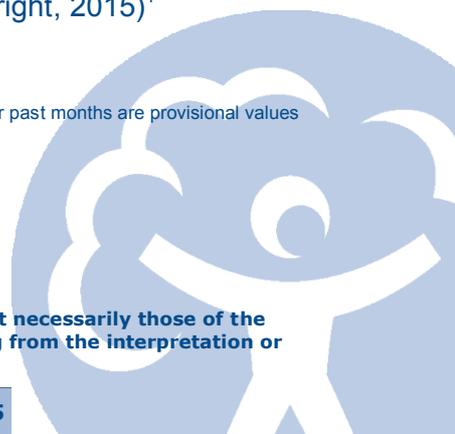
Geographic regions	Latest Week: 4 to 10 Nov 2015	Latest month to date: Nov 2015		Last month: Oct 2015		Last 3 months: Aug 2015 to Oct 2015		Last 6 months: May 2015 to Oct 2015		Last 12 months: Nov 2014 to Oct 2015	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	74	78	66	75	61	237	70	522	91	1169	101
north-east	41	43	53	79	109	215	99	440	111	820	100
central	24	27	42	52	86	172	93	345	98	674	94
east	19	24	42	47	92	162	105	320	105	586	98
south-east	21	27	37	56	80	222	116	373	107	745	102
south-west	34	39	37	71	73	287	113	511	115	1022	101
England	33	37	46	62	82	212	99	408	105	805	100

Table 1: Latest rainfall summary information (Source: Met Office © Crown Copyright, 2015)¹

¹ 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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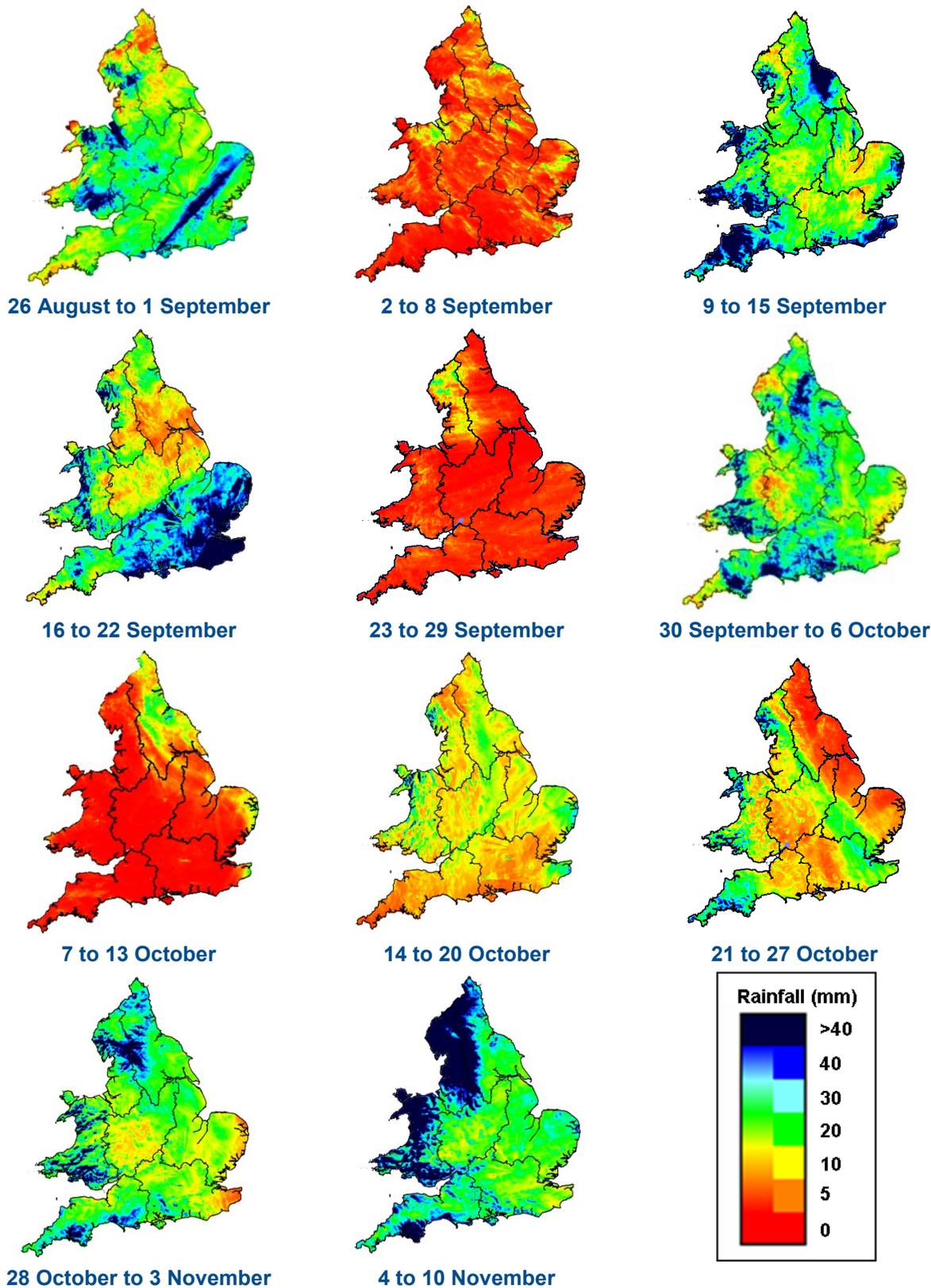
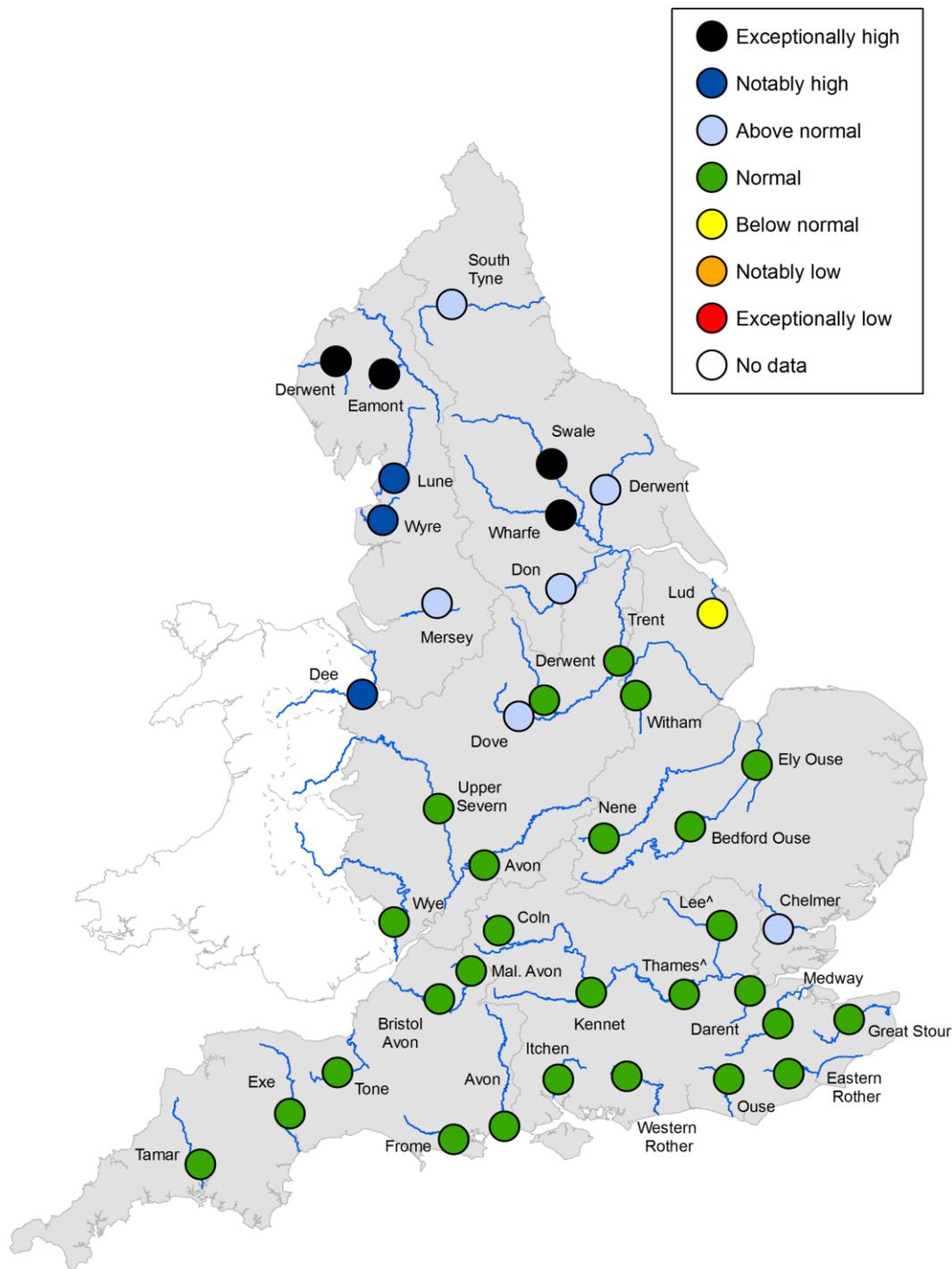


Figure 1: Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2015). Note: Radar beam blockages may give anomalous totals in some areas. Crown copyright. All rights reserved. Environment Agency, 100026380, 2015.

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 year². (Source: Environment Agency). Crown copyright. All rights reserved. Environment Agency, 100026380, 2015.

²Flow 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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