

Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 25 November to Tuesday 1 December 2015

Summary: A further wet week has seen river flows increase across much of England.

Rainfall

Rain has affected all parts of England over the past week. The north and west of England have continued to be very wet. Rainfall totals range from 11mm in south-east England to 60mm in north-west England (table 1 and figure 1).

Cumulative rainfall totals for November range from 107% of the long term average (LTA) in south-east England to 215% in north-west England (table 1).

River flow

River flows have increased at over three-quarters of indicator sites compared to the previous week. The latest daily mean flows are [normal](#) or higher for the time of year at all but one indicator site and [exceptionally high](#) at 5 sites (figure 2).

Outlook

Outbreaks of rain will affect parts of northern England on Thursday morning. The rain will move south and east during the day. Friday will be drier, although the north-west may still see some rain. Further rain is expected to arrive on Saturday and Sunday, mainly affecting the west. Monday and Tuesday will remain generally unsettled, with showers and longer periods of rain.

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Geographic regions	Latest Week: 25 Nov to 01 Dec 2015	Latest month to date: Dec 2015		Last month: Nov 2015		Last 3 months: Sep 2015 to Nov 2015		Last 6 months: Jun 2015 to Nov 2015		Last 12 months: Dec 2014 to Nov 2015	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	60	3	3	257	215	382	108	650	105	1333	115
north-east	37	2	3	161	198	284	127	505	120	892	109
central	25	0	1	88	135	180	97	358	100	668	93
east	14	0	0	67	117	164	104	332	106	571	96
south-east	11	1	1	78	107	200	96	391	107	697	96
south-west	22	1	1	117	111	260	91	547	113	998	99
England	26	1	1	118	147	234	104	447	109	820	101

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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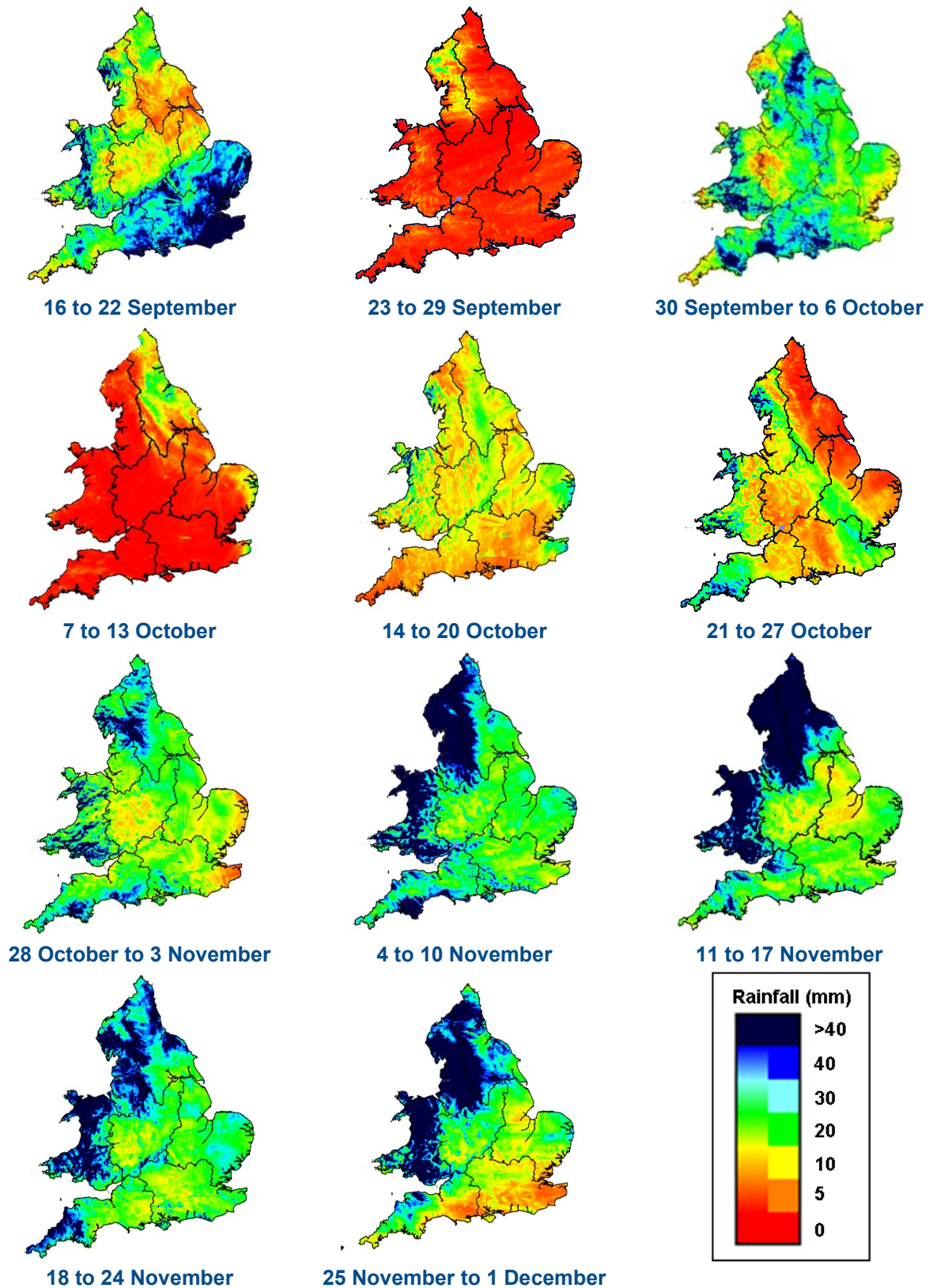
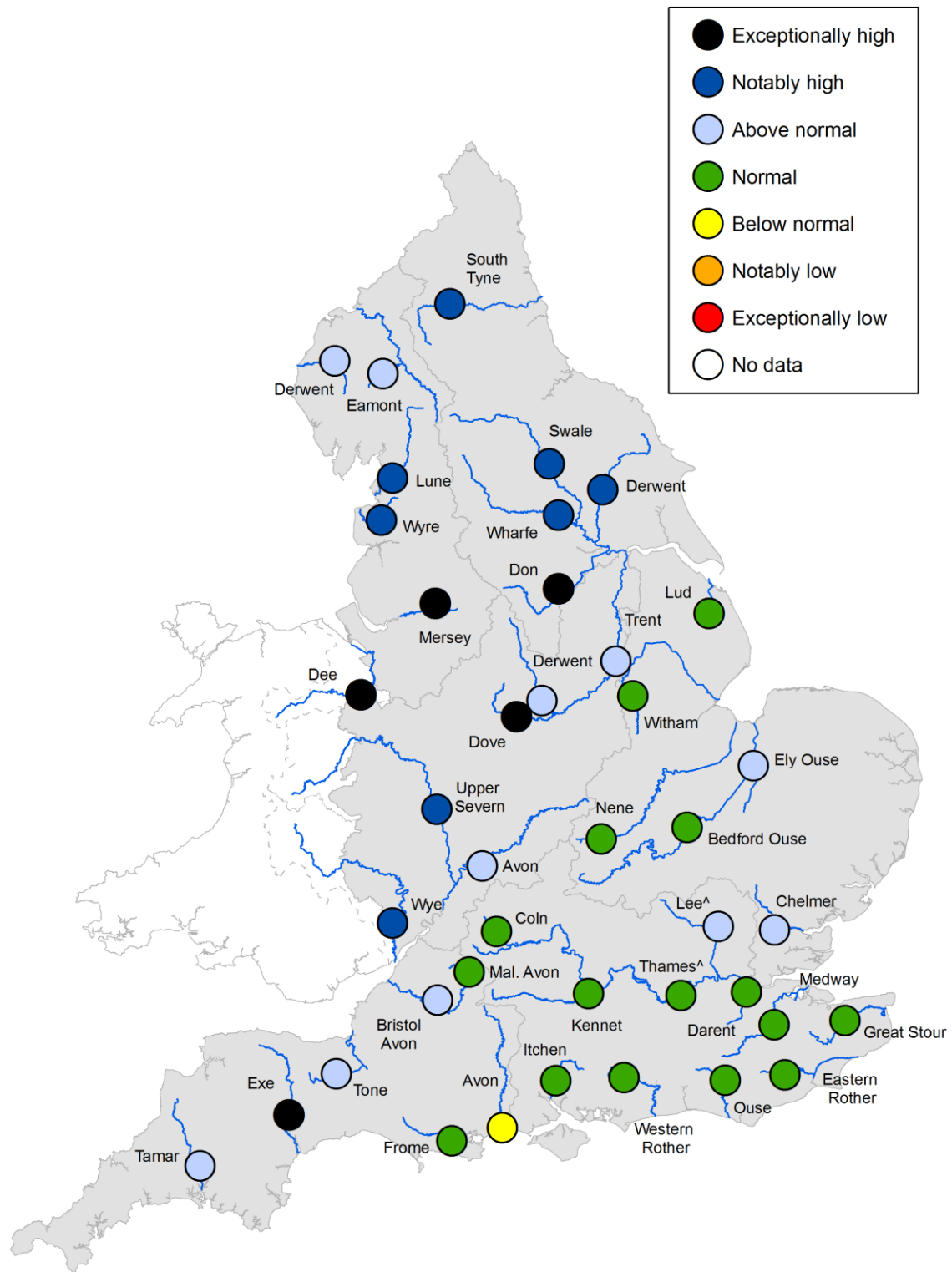


Figure 1: Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2015). Note: Radar beam blockages may give anomalous totals in some areas. Crown copyright. All rights reserved. Environment Agency, 100026380, 2015.

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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