

Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 30 September to Tuesday 06 October 2015

Summary

The past week has been wet across all of England, with the highest rainfall totals along the south coast and in the north-east. River flows have increased at the majority of our indicator sites, and are now **normal** or higher for the time of year at three quarters of our indicator sites.

- Rainfall totals for the past week range from 20mm in central and east England to 29mm in north-east England (Table 1 and Figure 1).
- Cumulative rainfall totals for the month to date range from 18% of the October long term average (LTA) in north-west England to 40% in north-east England (Table 1).
- River flows have increased at the majority of our indicator sites over the past week. The latest daily mean flows are currently **normal** or higher for the time of year at three quarters of our indicator sites, with most of the remaining sites being **below normal** for the time of year (Figure 2).

Outlook

Drier and more settled weather is expected until at least the end of Saturday. Some light or moderate showers may then be possible on Sunday, although conditions are expected to remain mostly dry. Monday and Tuesday are also expected to remain largely dry.

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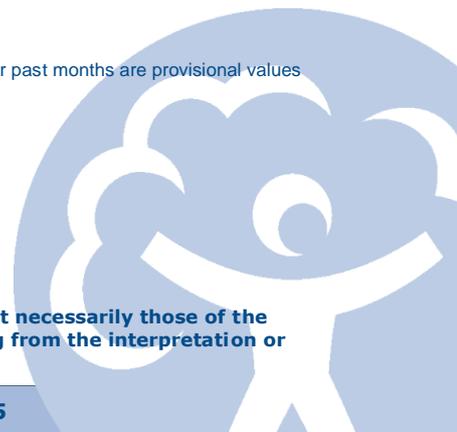
Geographic regions	Latest Week: 30 Sep - 06 Oct '15	Latest month to date: Oct '15		Last month: Sep '15		Last 3 months: Jul '15 - Sep '15		Last 6 months: Apr '15 - Sep '15		Last 12 months: Oct '14 - Sep '15	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	22	22	18	50	45	272	91	500	97	1256	108
north-east	29	29	40	43	63	231	112	391	102	826	101
central	20	20	34	40	67	180	102	312	91	706	99
east	20	20	39	50	101	193	126	293	98	618	103
south-east	24	24	34	65	103	230	136	338	103	795	109
south-west	23	23	24	73	88	317	145	464	114	1078	107
England	23	23	31	53	77	233	119	372	101	846	105

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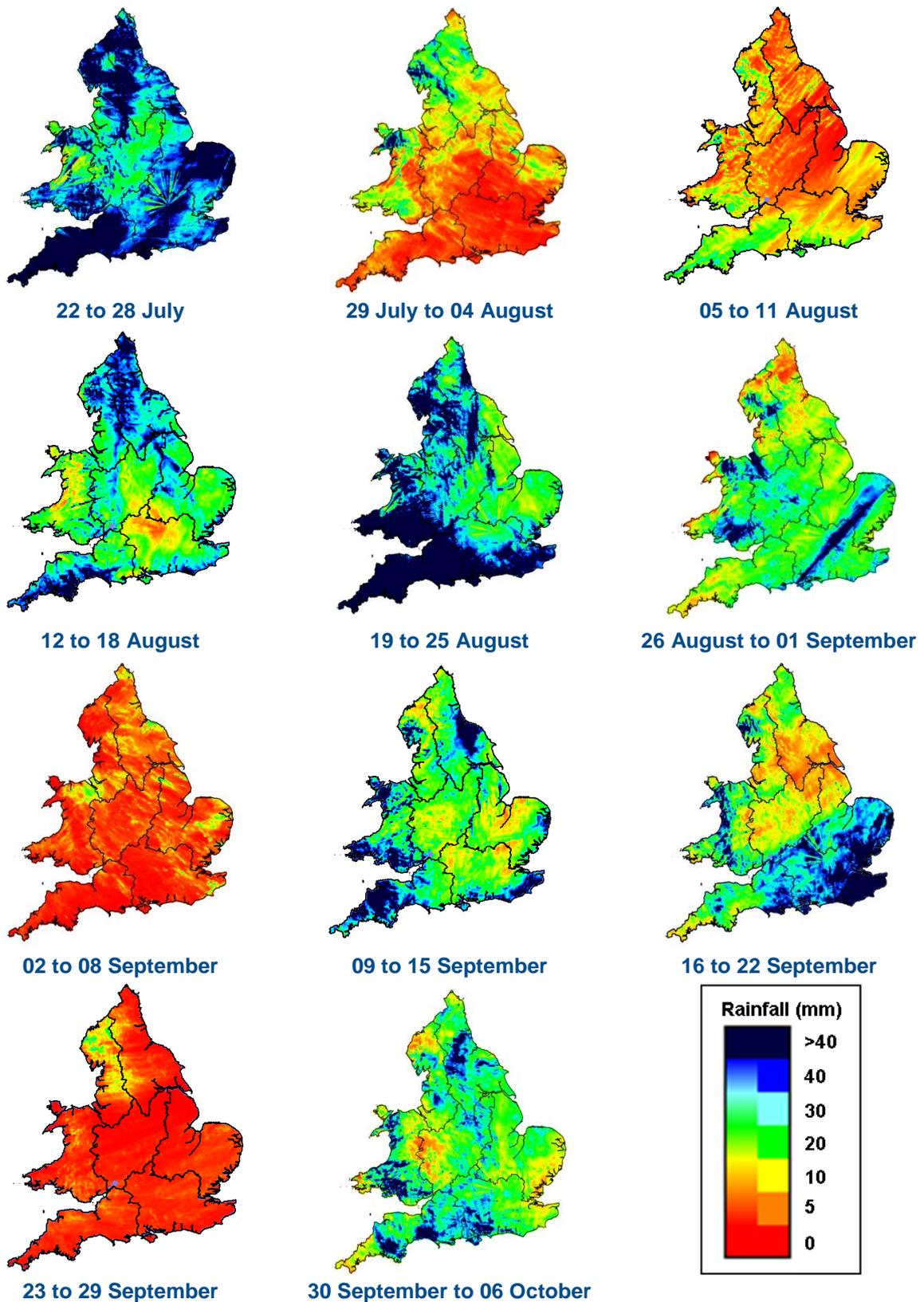
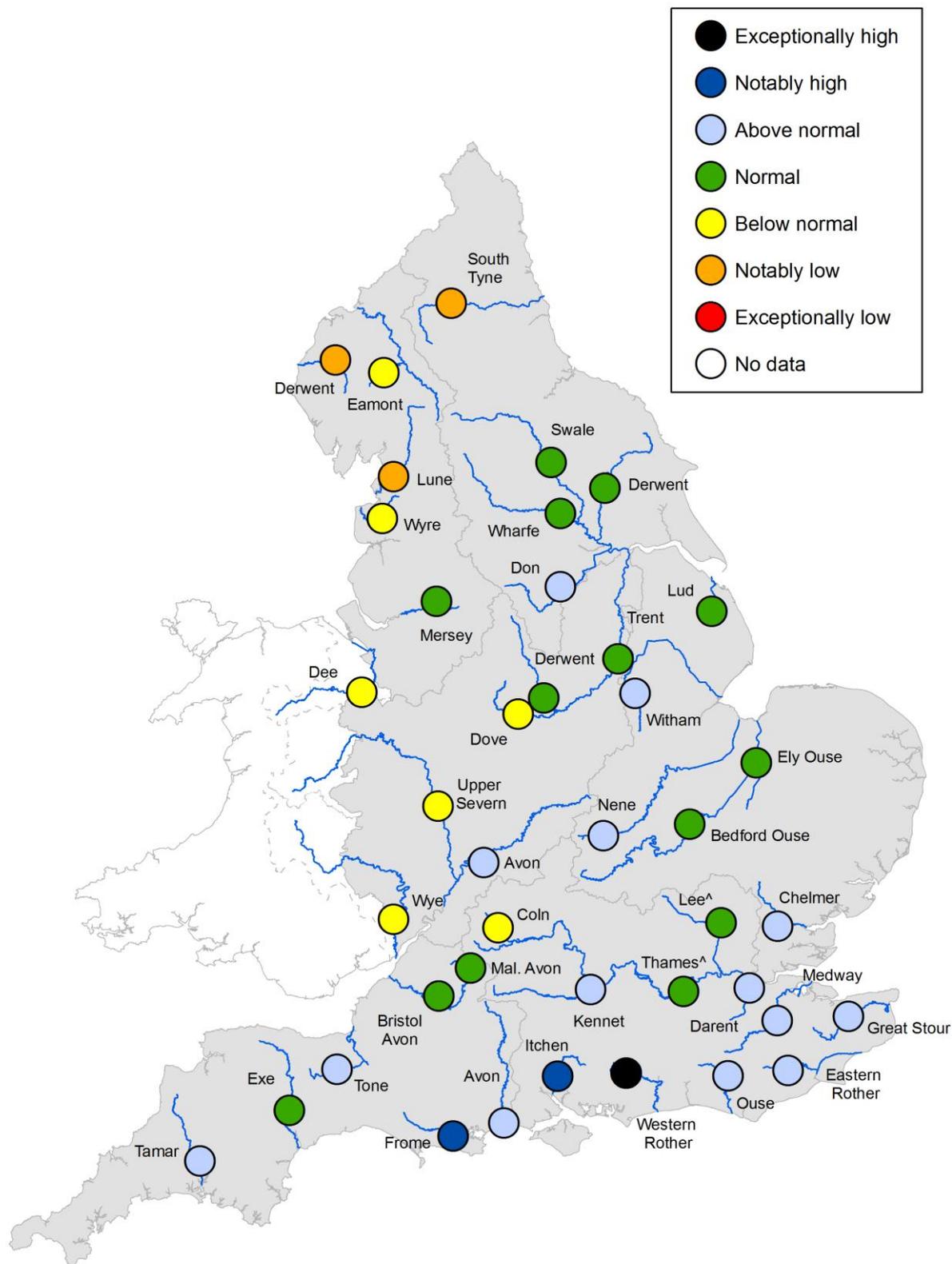


Figure 1: Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2015). Note: Radar beam blockages may give anomalous totals in some areas. Crown copyright. All rights reserved. Environment Agency, 100026380, 2015.

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.