

Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 9 to Tuesday 15 September 2015

Summary

The past week has been relatively wet across much of England compared to the previous week. River flows have increased at almost all of our indicator sites. Flows at most indicator sites are now **normal** or higher for the time of year.

- Rainfall totals for the past week range from 13mm in east England to 38mm in south-west England (Table 1 and Figure 1).
- Cumulative rainfall totals for the first half of September ranged from 33% of the September long term average (LTA) in north-west England to 47% in north-east and south-west 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 **above normal** or higher for the time of year at almost half of our indicator sites, only four sites are **below normal** or lower for the time of year, and the remaining sites are **normal** (Figure 2).

Outlook

Rain in the east will clear quickly on Thursday. On Friday, scattered showers are likely to be heaviest in the south, followed by generally dry weather until Monday, when showers are likely in the west, moving eastward.

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Geographic regions	Latest Week: 09 - 15 Sep '15	Latest month to date: Sep '15		Last month: Aug '15		Last 3 months: Jun '15 - Aug '15		Last 6 months: Mar '15 - Aug '15		Last 12 months: Sep '14 - Aug '15	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	25	37	33	112	108	268	101	562	113	1224	105
north-east	27	33	47	92	122	221	113	411	108	803	98
central	21	28	46	80	124	178	103	322	94	678	95
east	13	17	35	66	120	168	108	269	91	585	98
south-east	21	24	38	101	176	192	120	299	92	742	102
south-west	38	39	47	144	191	287	145	438	107	1020	101
England	24	29	42	97	140	214	115	368	101	808	100

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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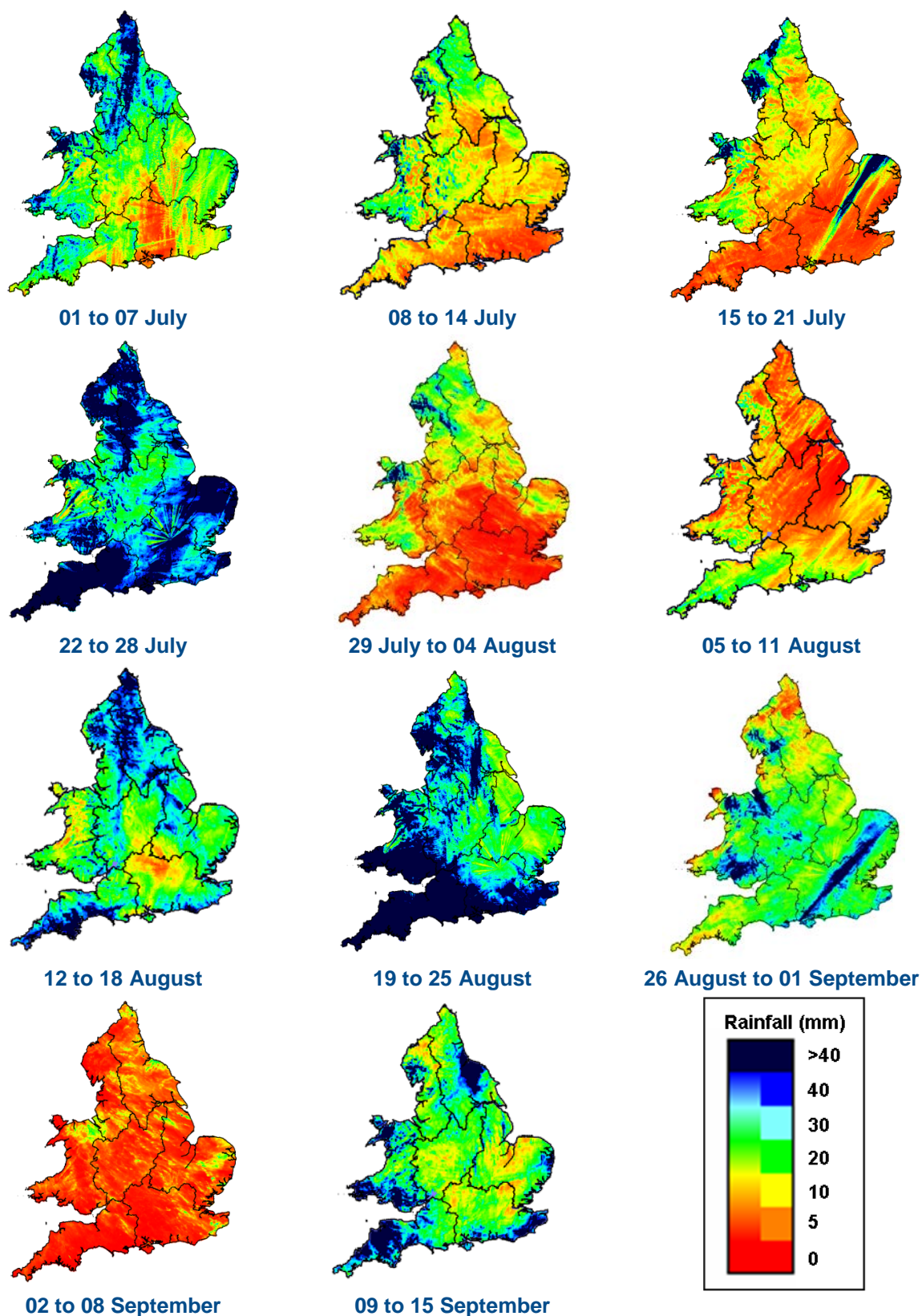
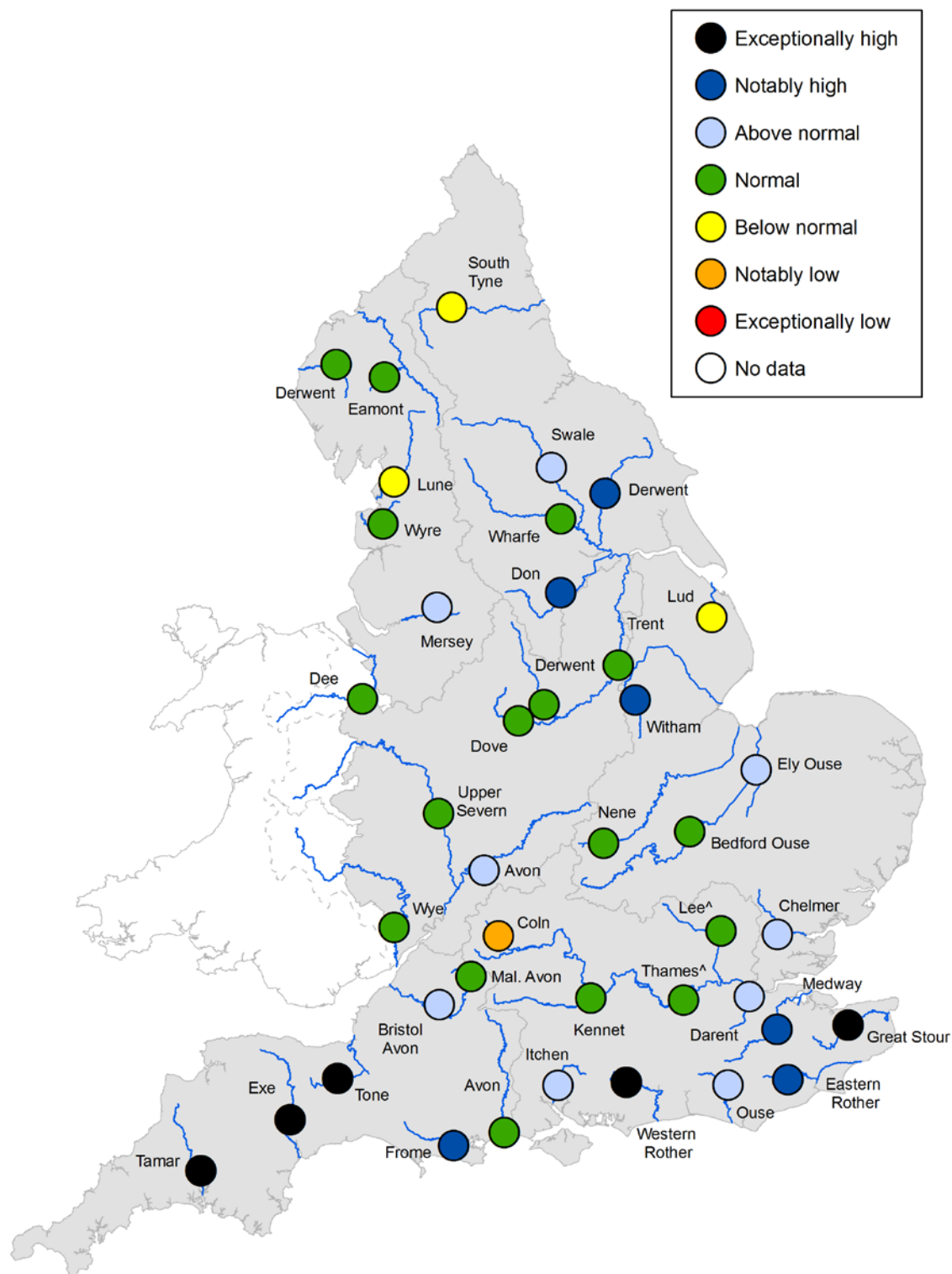


Figure 1: Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2015). Note: Radar beam blockages may give anomalous totals in some areas. Crown copyright. All rights reserved. Environment Agency, 100026380, 2015.

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.