

Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 29 June to Tuesday 05 July 2016

Summary: The past week has been particularly wet in the north-west. River flows remain mostly normal or higher for the time of year.

Rainfall

The past week has been wet across northern England, particularly in the north-west. Rainfall totals range from 9mm in south-east England to 37mm in north-west England (Table 1 and Figure 1). Cumulative rainfall totals for the month of June range from 135% of the June long term average (LTA) in north-east England to 200% in east England (Table 1).

River flow

River flows have decreased at almost two thirds of our indicator sites compared to last week, particularly those located in southern and east England. The latest daily mean flows are normal or higher for the time of year at all but one of our sites (Figure 2).

Outlook

Thursday is likely to be mostly dry, with some showers in central and west England. Friday through to Sunday is likely to see showers at times in many areas, interspersed with bright conditions. Changeable weather, with scattered showers is expected to continue thereafter.

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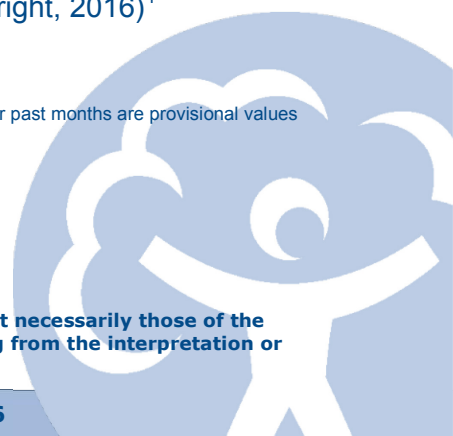
Geographic regions	Latest Week: 29 Jun to 05 Jul 2016	Latest month to date: Jul 2016		Last month: Jun 2016		Last 3 months: Apr 2016 to Jun 2016		Last 6 months: Jan 2016 to Jun 2016		Last 12 months: Jul 2015 to Jun 2016	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	37	15	18	129	164	274	124	694	139	1,599	138
north-east	29	14	23	80	135	203	115	505	133	1,142	139
central	16	4	8	106	184	226	134	466	136	879	123
east	10	4	8	102	200	211	145	385	137	743	124
south-east	9	3	6	95	176	213	134	474	140	908	125
south-west	13	5	8	100	160	213	112	604	128	1,235	122
England	18	7	12	101	170	220	127	505	135	1,040	129

Table 1: Latest rainfall summary information (Source: Met Office © Crown Copyright, 2016)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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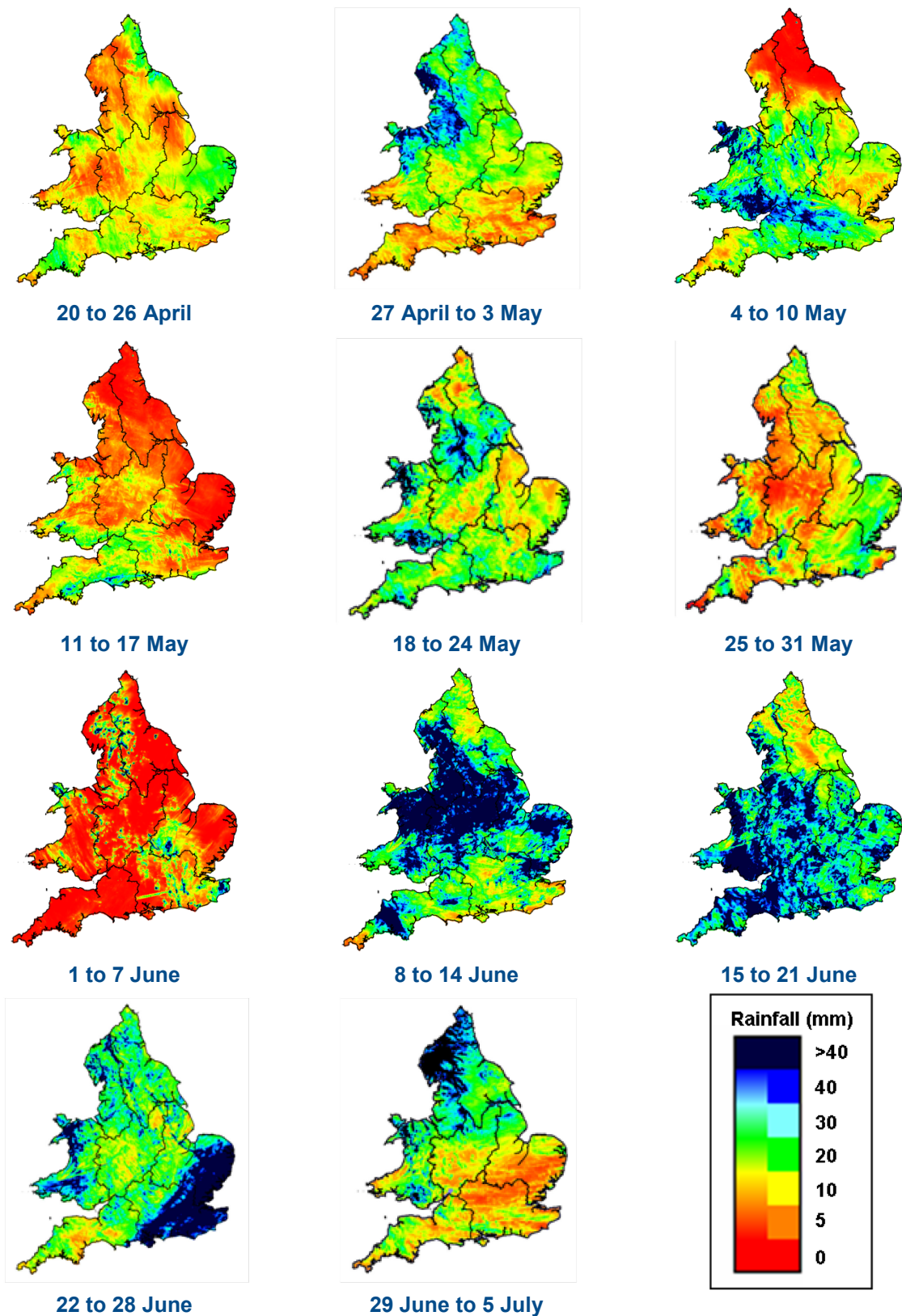
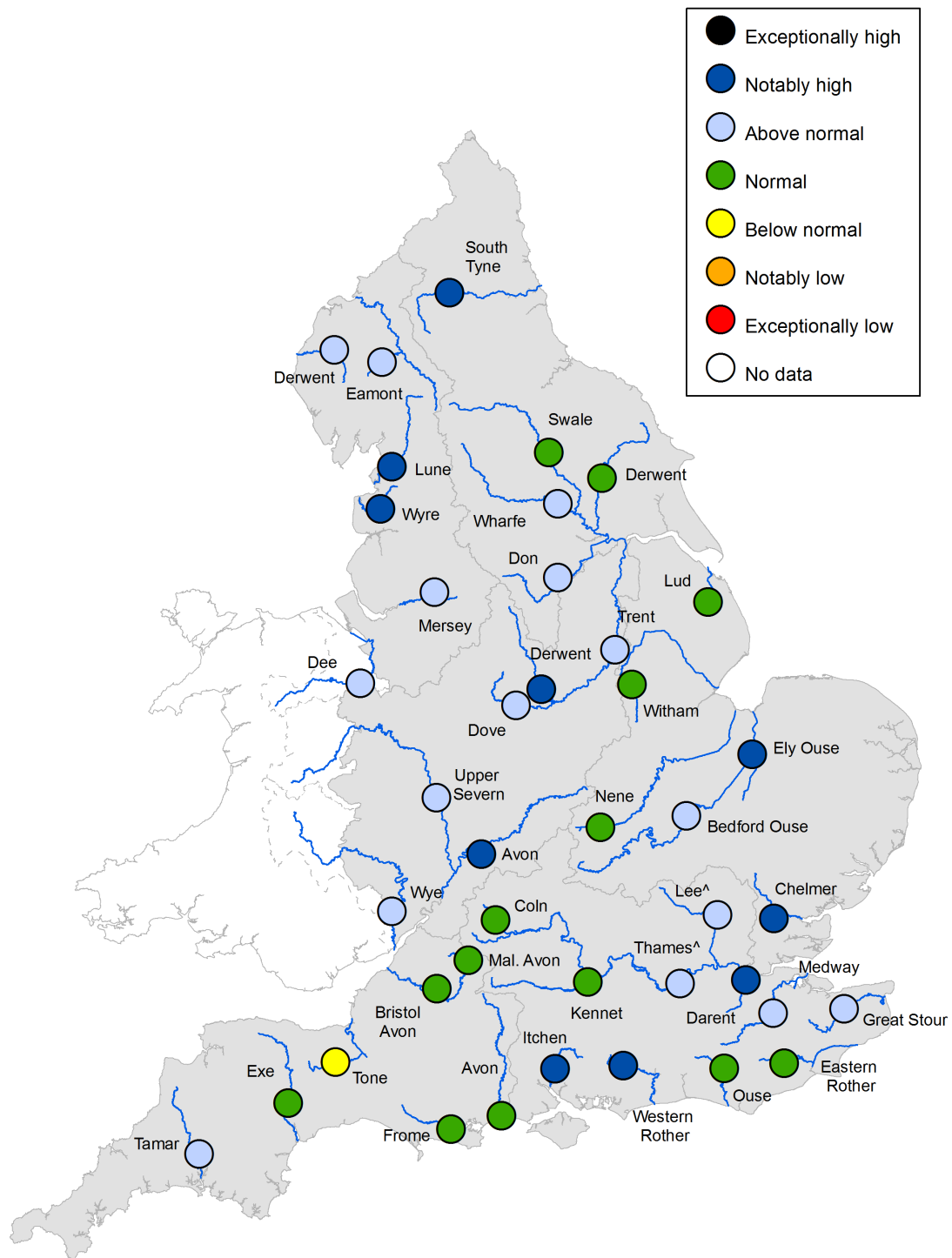


Figure 1: Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2016). Note: Radar beam blockages may give anomalous totals in some areas. Crown copyright. All rights reserved. Environment Agency, 100026380, 2016.

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, 2016.

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

[Return to summary page](#)