

Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 8 to Tuesday 14 June 2016

Summary: a wet week across England, especially in central England and almost all flows are normal or higher for the time of year.

Rainfall

The past week has been the wettest week across England since the end of March. Rainfall totals ranged from 17mm in south-east England to 52mm in central England (Table 1 and Figure 1). Cumulative rainfall totals for the first half of June range from 41% of the June long term average (LTA) in south-west England to 95% in central England (Table 1).

River flow

River flows have increased at the majority of our indicator sites compared to last week. The latest daily mean flows are [normal](#) or higher for the time of year at all but one of the sites; with 5 sites being [exceptionally high](#) for the time of year, all located in central and east England (Figure 2).

Outlook

Widespread heavy and thundery showers will continue across much of England on Thursday. On Friday more settled conditions will move in from the west, although heavy showers are still likely in south and south-east England. On Saturday and Sunday a ridge of high pressure will bring mainly dry conditions across England. Later on Sunday a band of heavy rain is expected to move into western England, spreading eastwards on Monday before clearing to the east on Tuesday to give showery conditions.

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Geographic regions	Latest Week: 8 to 14 Jun 2016	Latest month to date: Jun 2016		Last month: May 2016		Last 3 months: Mar 2016 to May 2016		Last 6 months: Dec 2015 to May 2016		Last 12 months: Jun 2015 to May 2016	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	39	44	56	47	64	229	98	894	165	1,517	131
north-east	24	27	46	41	69	201	109	616	154	1,096	134
central	52	54	95	54	94	201	120	460	129	815	114
east	33	39	75	49	101	180	128	337	118	667	112
south-east	17	28	51	62	114	202	123	457	127	839	115
south-west	25	26	41	61	91	214	101	637	121	1,178	117
England	31	36	61	52	89	202	113	539	135	975	121

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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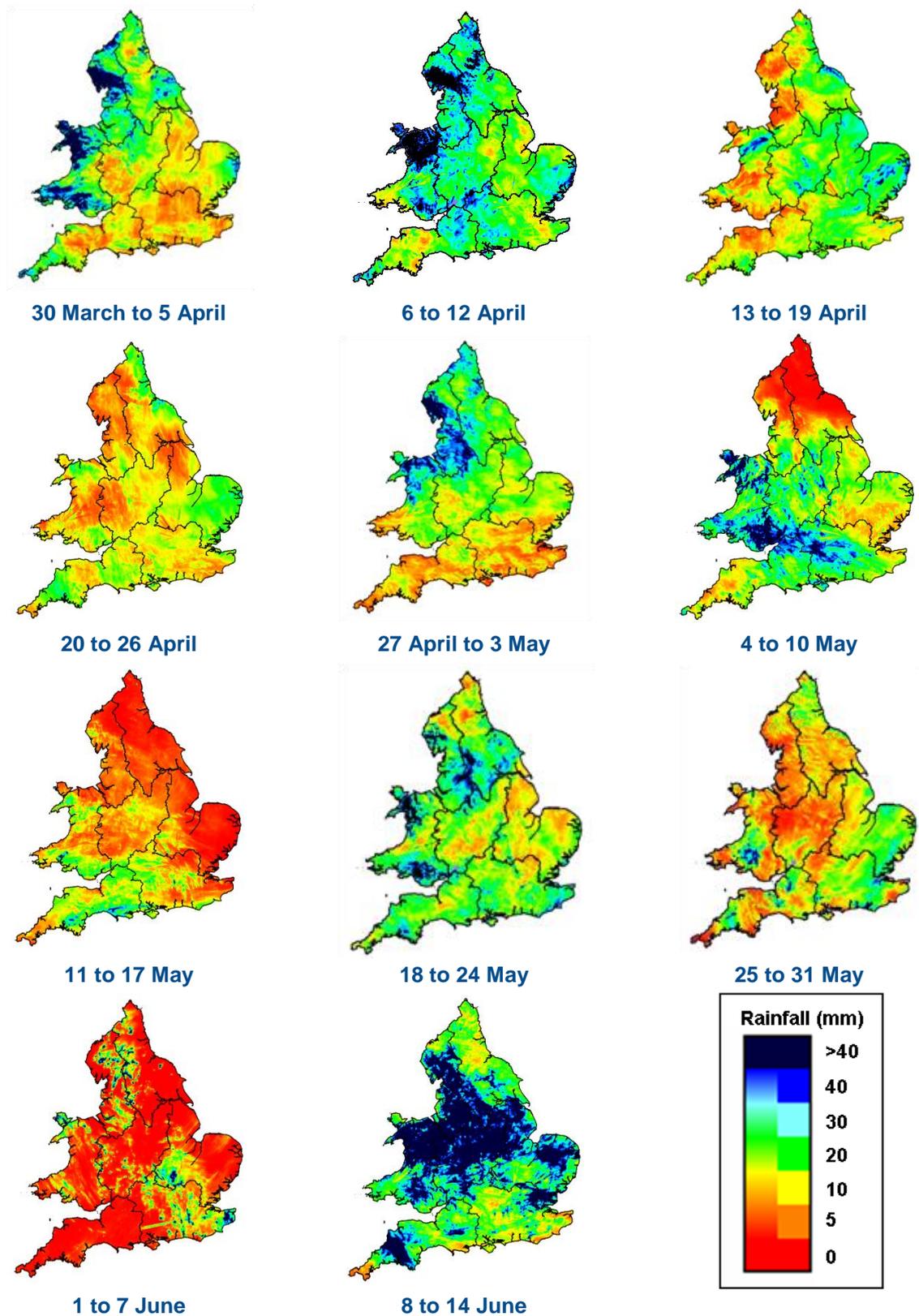
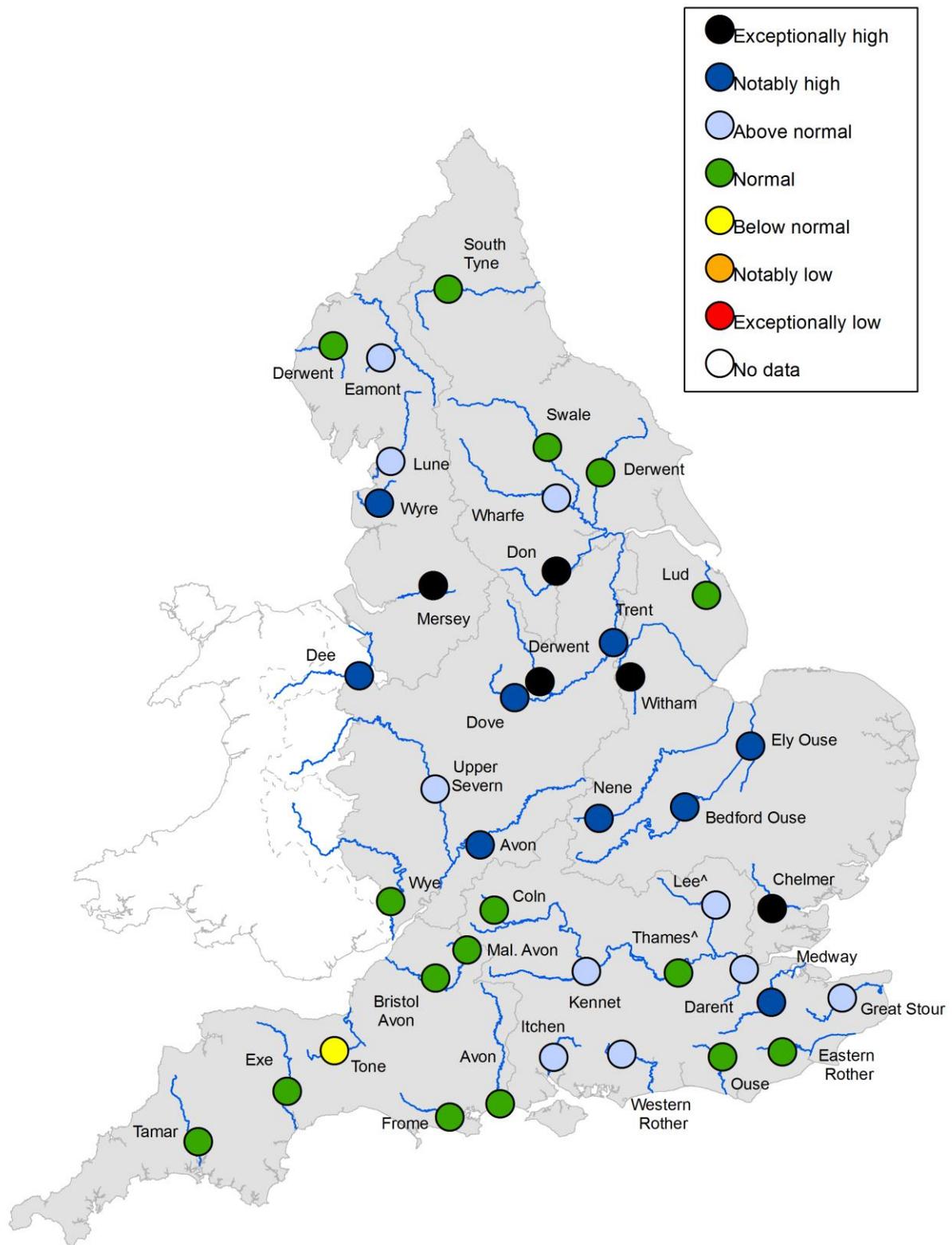


Figure 1: Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2016). Note: Radar beam blockages may give anomalous totals in some areas. Crown copyright. All rights reserved. Environment Agency, 100026380, 2016.

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

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