

Weekly rainfall and river flow summary

Weekly bulletin: Wednesday 3 April to Tuesday 9 April 2024

Summary: It has been another wet week across England, particularly in the north of the country with the majority of river flow sites now classed as exceptionally high for the time of year.

Rainfall

It has been another wet week across England, particularly in the north of the country. Rainfall totals for the week ranged from 14mm in east England, to 73mm in north-west England (Table 1, Figure 1). Rainfall totals for April so far range from 55% of the long-term average in south-east England, to 130% of the long-term average in north-west England. (Table 1).

River flow

River flows have decreased slightly when compared to the previous week although 27 sites (49%) are currently classed as [exceptionally high](#). 14 sites (25%) are classed as [notably high](#), 12 sites (22%) are classed as [above normal](#) and 2 sites (4%) are classed as [normal](#) for the time of year (Figure 2).

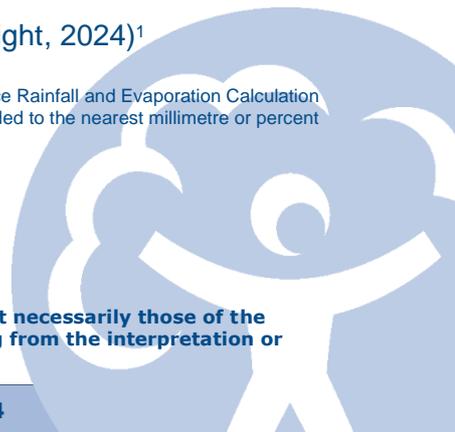
Outlook

Thursday and Friday will largely be a mixture of cloud, showers and spells of sunshine. The weekend will follow a similar pattern with the best of the sunshine being in eastern England. Monday and Tuesday will again see a mix of cloud and sunshine across the country as the unsettled conditions are set to continue.

Geographic regions	Latest Week: 3 to 9 Apr 2024	Latest month to date: Apr 2024		Last month: Mar 2024		Last 3 months: Jan to Mar 2024		Last 6 months: Oct 2023 to Mar 2024		Last 12 months: Apr 2023 to Mar 2024	
	Total (mm)	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA	Total (mm)	% LTA
north-west	73	91	130	125	132	423	146	959	145	1,600	134
north-east	52	67	115	79	114	263	127	684	153	1,115	133
central	32	44	83	96	166	271	155	635	170	1,003	139
east	14	27	57	47	100	203	150	493	165	809	135
south-east	16	28	55	93	157	308	170	686	171	1,043	142
south-west	35	50	81	151	176	455	160	960	158	1,456	143
England	34	48	85	94	142	309	151	712	160	1,129	138

Table 1 Latest rainfall summary information (Source: Met Office © Crown Copyright, 2024)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 are 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.



Rainfall

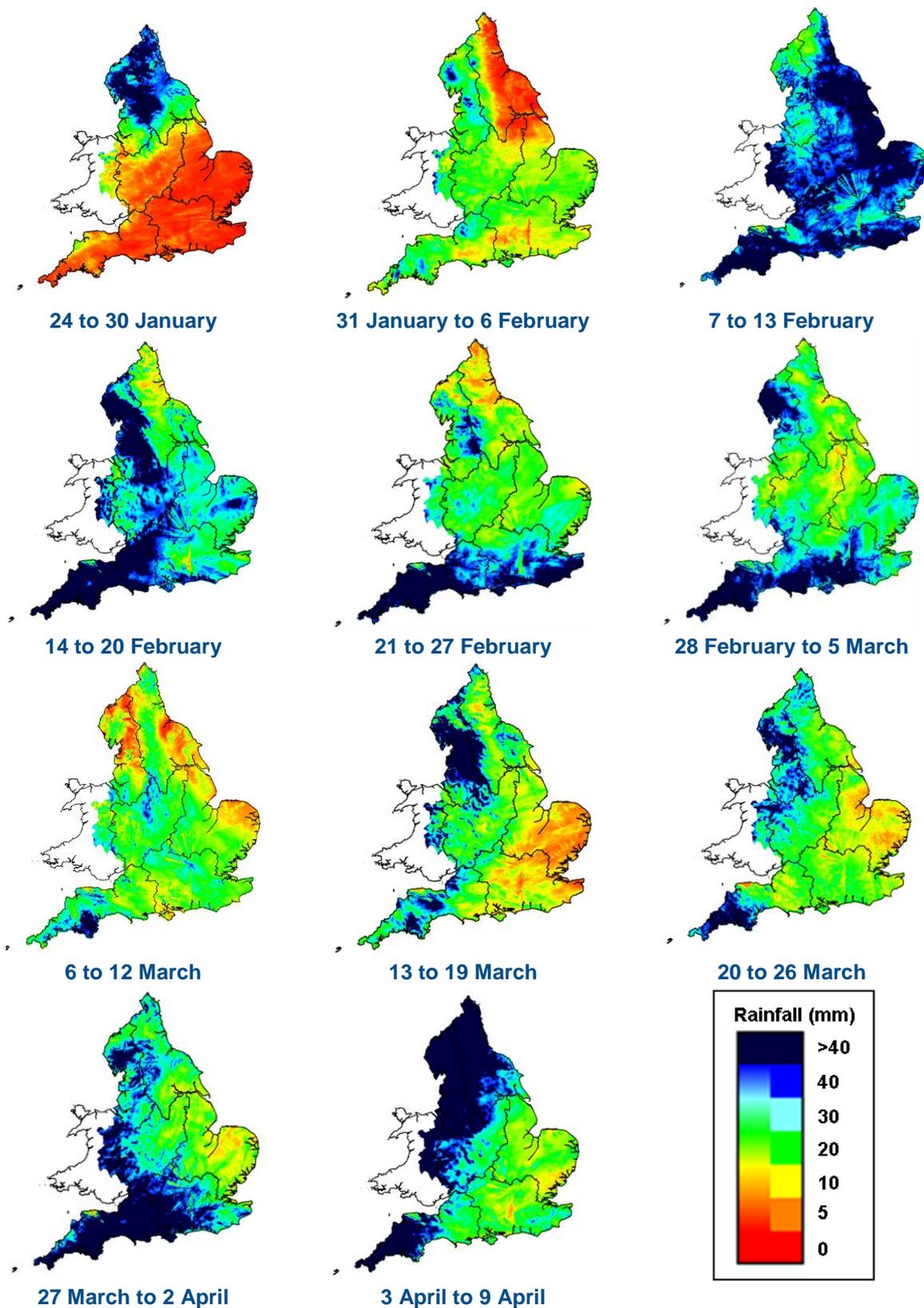
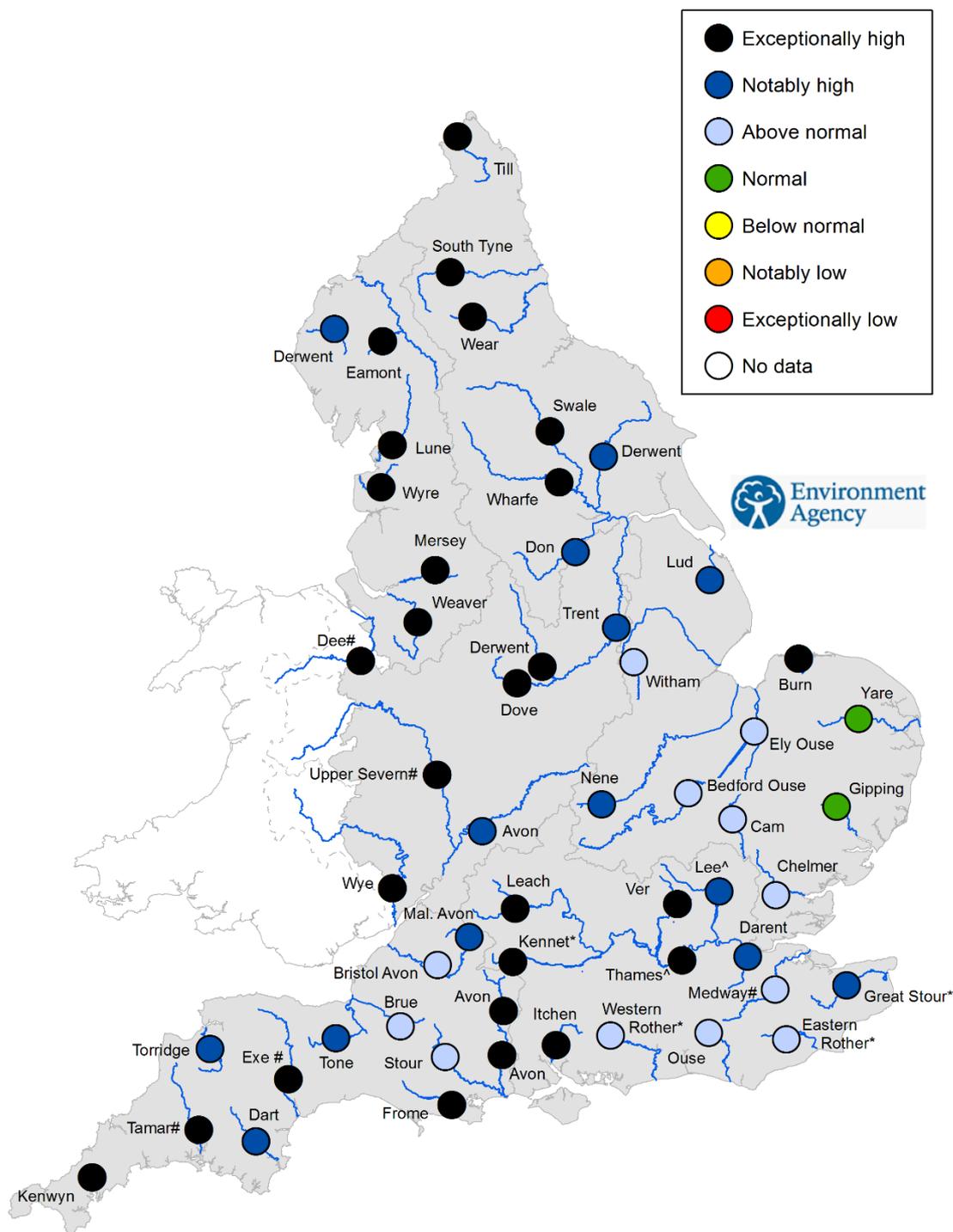


Figure 1 Weekly precipitation across England and Wales for the past 11 weeks. UKPP radar data (Source: Met Office © Crown Copyright, 2024). Note: Images may sometimes include straight lines originating from the centre of the radar, resulting from tall trees and buildings located near the radar installation affecting its performance. This does not reflect actual conditions on the ground. Crown copyright. All rights reserved. Environment Agency, 100024198, 2024.

River flow



[^]'Naturalised' flows are provided for the River Thames at Kingston and the River Lee at Feildes Weir.

^{*} Flows may be currently overestimated at these sites so the data should be treated with caution

[#] Flows may be impacted at these sites by water releases from upstream reservoirs.

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, 100024198, 2024³.

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.

³The flow sites in this report are indicator sites providing a National overview and a subset of a wider flow monitoring network.

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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