



Met Office

Met Office 3-month Outlook

Period: July – September 2018 Issue date: 21.06.18

The forecast presented here is for July and the average of the July-August-September period for the United Kingdom as a whole. The forecast for July will be superseded by the long-range information on the public weather forecast web page (www.metoffice.gov.uk/public/weather/forecast/#?tab=regionalForecast), starting from 2nd July 2018.

This forecast is based on information from observations, several numerical prediction systems and expert judgement.

SUMMARY – PRECIPITATION:

For July, and July-August-September as a whole, below-average precipitation is more likely than above-average precipitation.

The probability that UK-average precipitation for July-August-September will fall into the driest of our five categories is around 25% and the probability that it will fall into the wettest of our five categories is around 10% (the 1981-2010 probability for each of these categories is 20%).

CONTEXT:

Precipitation during the summer is generally more showery and localised in nature. This often leads to more regional variability. At this time of year, the predictability of UK precipitation is lower than in winter because there are generally fewer large-scale global factors that influence weather patterns significantly across Northern Europe. For both July and July-August-September, there is good agreement

between the Met Office long-range prediction system and systems from other prediction centres. These show a moderately increased likelihood of higher-than-usual pressure over the UK. Consistent with this, the chances of below-average precipitation are greater than those of above-average precipitation (see graphs of figure P2).

Fig P1

3-month UK outlook for precipitation in the context of the observed annual cycle

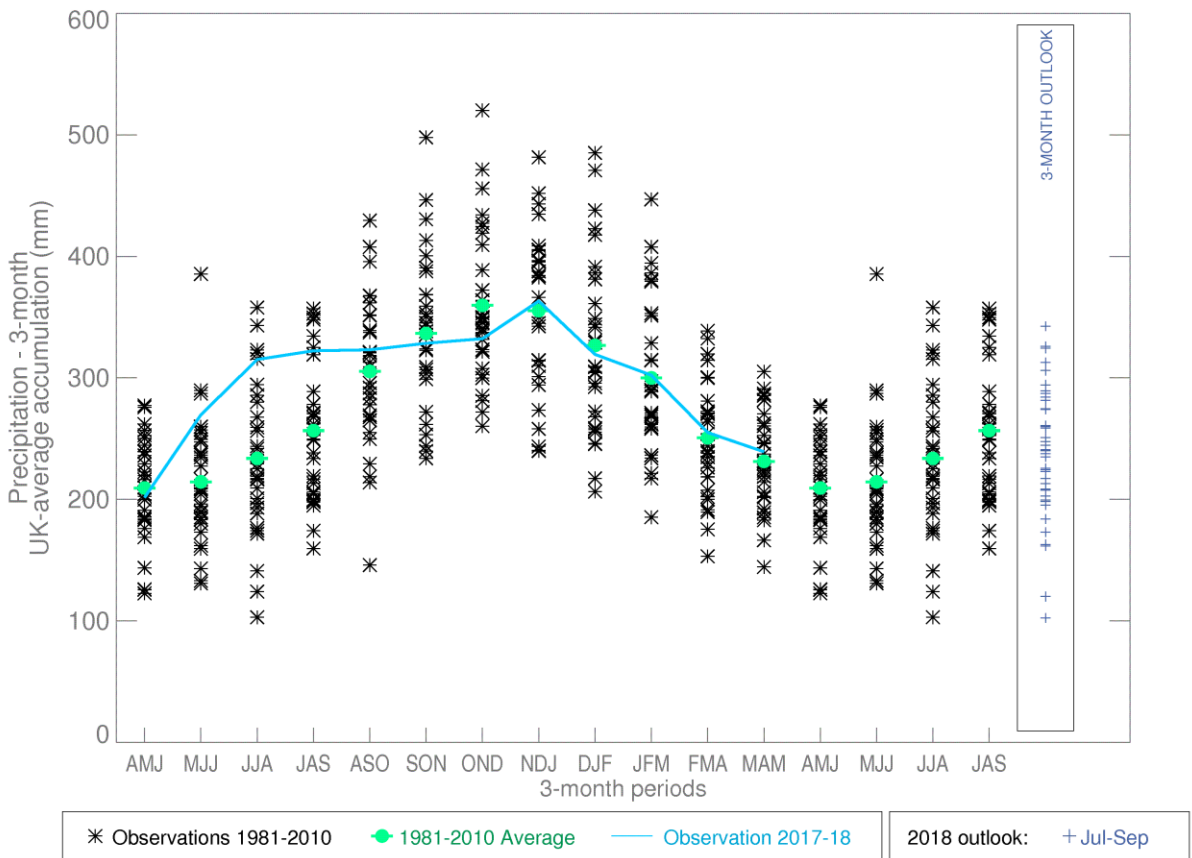


Fig P2

1-month and 3-month UK outlook for precipitation in the context of observed climatology

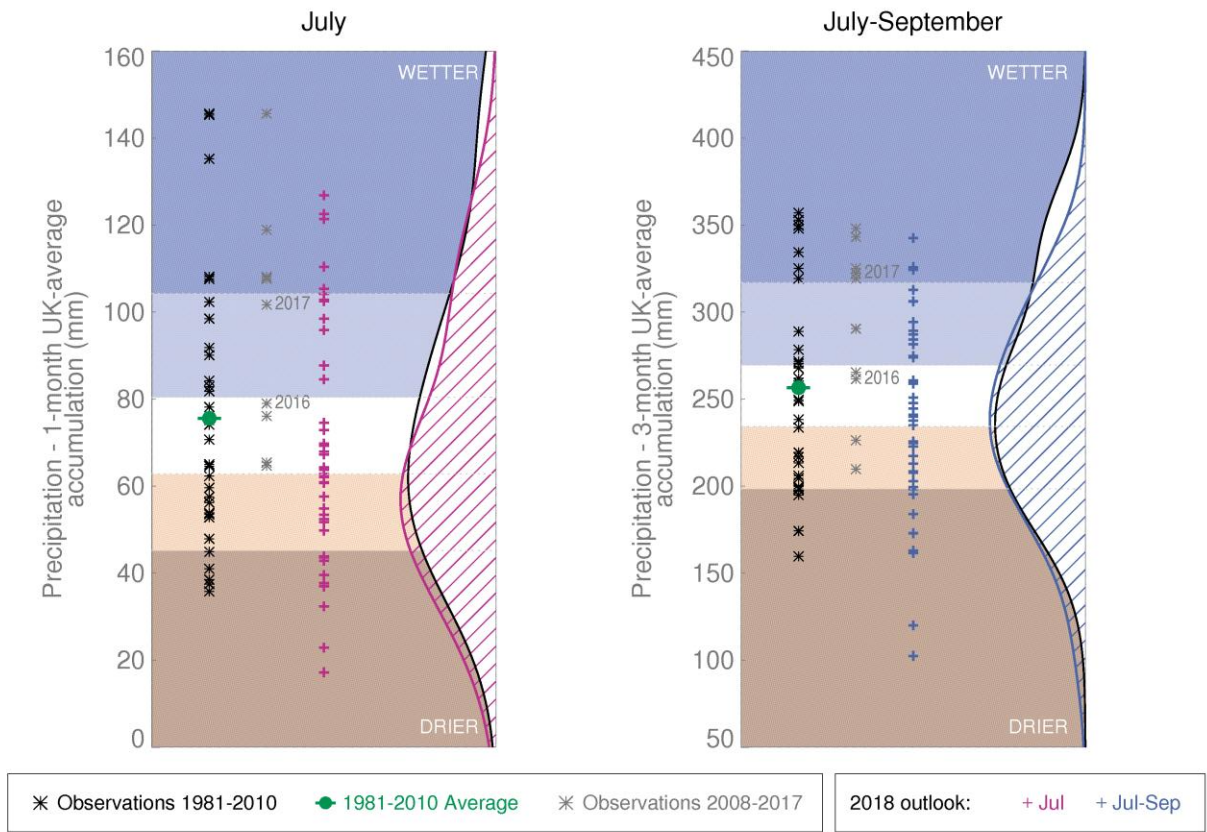
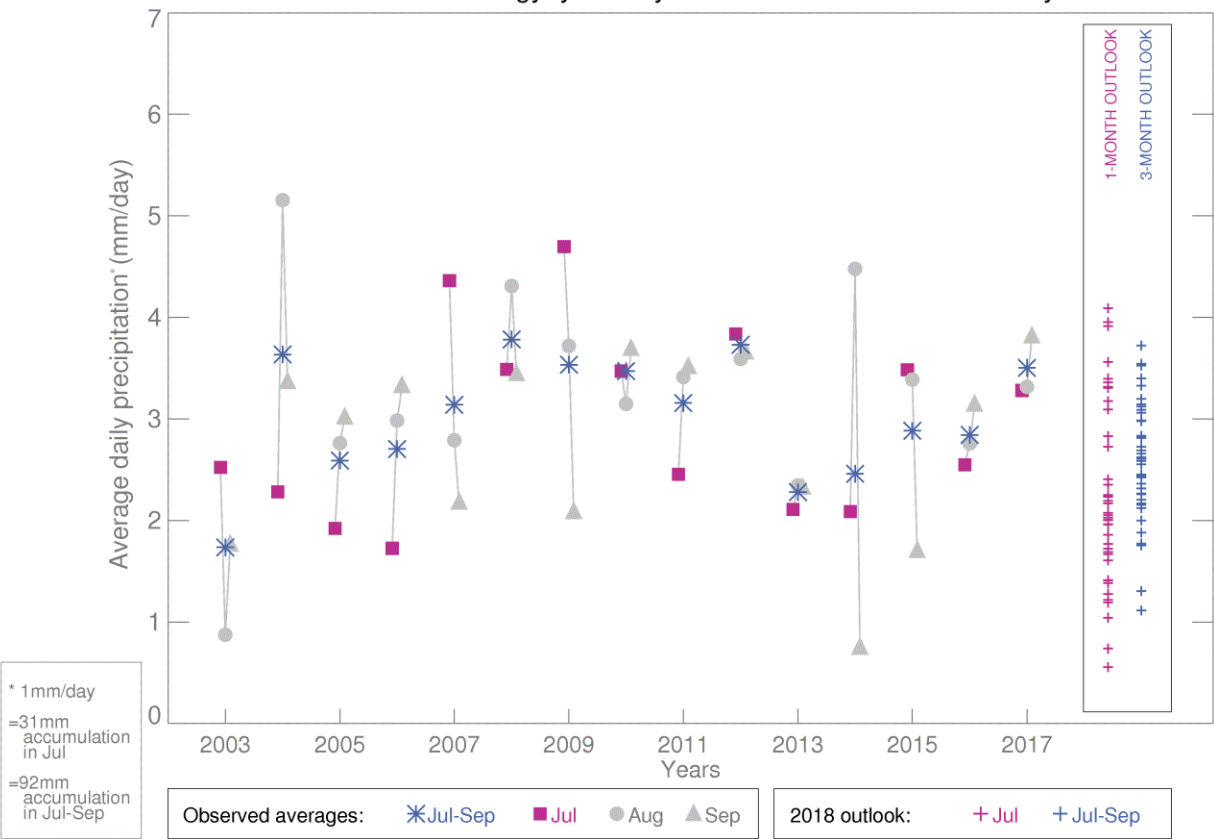


Fig P3

1-month and 3-month UK outlook for precipitation in the context of recent climatology: year-to-year and within-season variability



This Outlook provides an indication of possible temperature and rainfall conditions over the next 3 months. It is part of a suite of forecasts designed for contingency planners. The Outlook should not be used in isolation but should be used with shorter-range and more detailed (30-day, 15-day and 1-to-5-day) forecasts and warnings available to the contingency planning community from the Met Office.