



Met Office 3-month Outlook

Met Office Period: August – October 2019 Issue date: 25.07.19

The forecast presented here is for August and the average of the August-September-October period for the United Kingdom as a whole. The forecast for August will be superseded by the long-range information on the public weather forecast web page (www.metoffice.gov.uk/public/weather/forecast/#?tab=regionalForecast), starting from 5 August 2019.

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

SUMMARY – PRECIPITATION:

For August, wetter-than-average conditions are marginally more likely. For August-September-October as a whole, the chances of above- and below-average precipitation are similar.

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

CONTEXT:

Global drivers have somewhat less influence on UK weather patterns at this time of year than in the winter season. Therefore, predictability of precipitation amounts and distribution is lower. Currently, signals from long-range forecast systems suggest balanced chances of settled and unsettled conditions.

For August, there is a marginal increase in the likelihood of wetter-than-average conditions. This is consistent, to a degree, with the

signal for sea surface temperatures around the UK to be above-average.

For August-September-October as a whole, the chances of above- and below-average rainfall do not deviate significantly from their usual probabilities (see right-hand graph of figure P2).

Fig P1

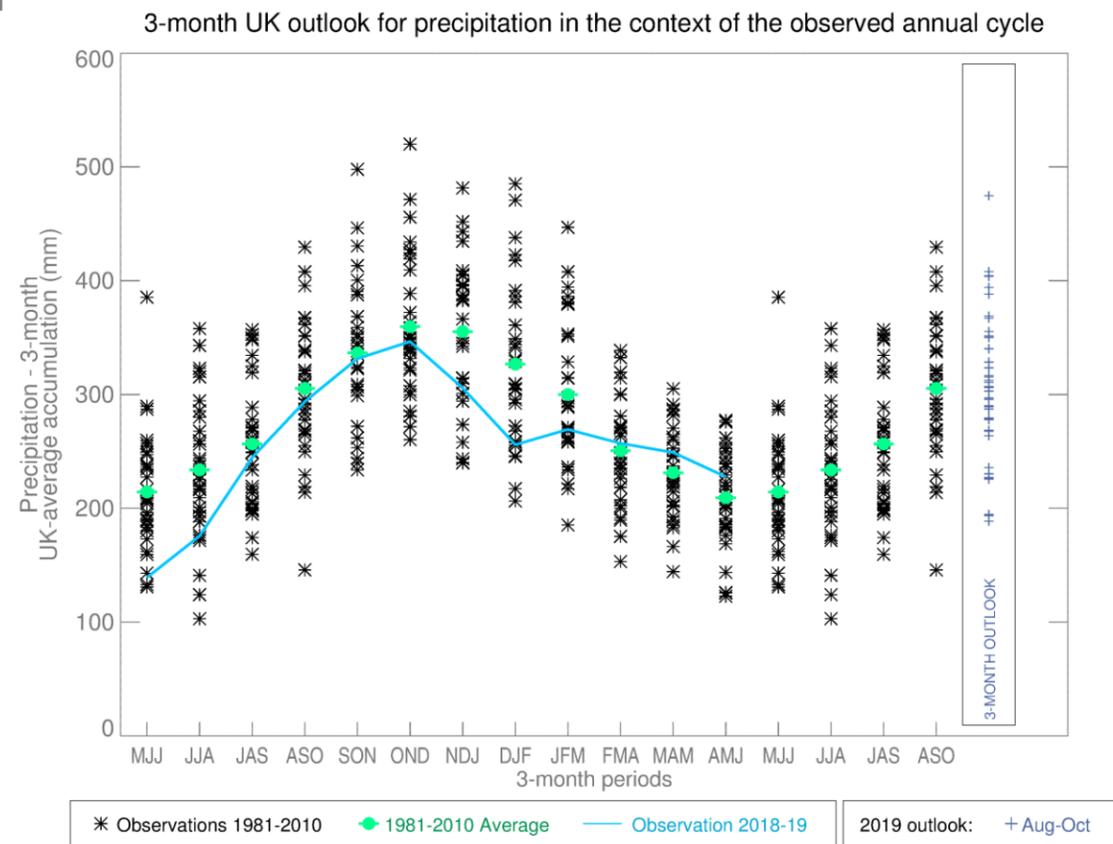


Fig P2

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

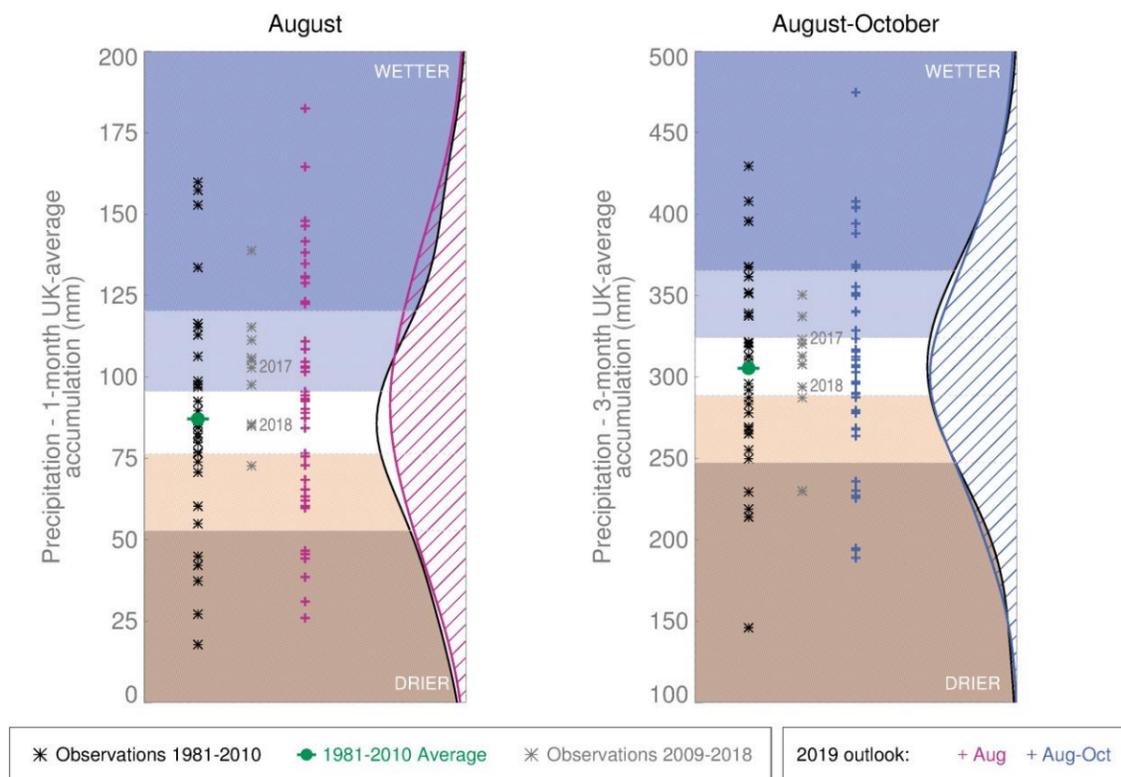
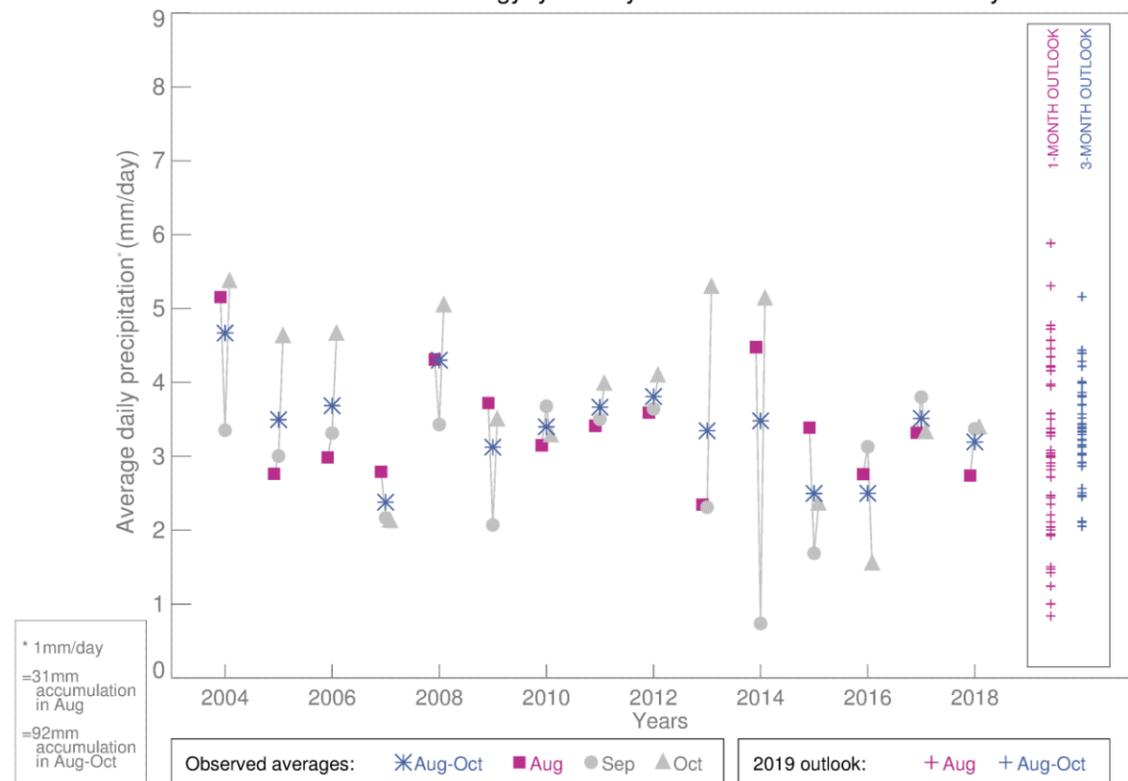


Fig P3

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-7-day) forecasts and warnings available to the contingency planning community from the Met Office.