



Met Office

Met Office 3-month Outlook

Period: October – December 2019 Issue date: 26.09.19

The forecast presented here is for October and the average of the October-November-December period for the United Kingdom as a whole. The forecast for October will be superseded by the long-range information on the public weather forecast web page (www.metoffice.gov.uk/public/weather/forecast/#?tab=regionalForecast), starting from 2nd October 2019.

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

SUMMARY – PRECIPITATION:

For October, above-average precipitation is slightly more likely than below-average precipitation. For October-November-December as a whole, above-average precipitation is more likely than below-average precipitation.

The probability that UK-average precipitation for October-November-December will fall into the driest of our five categories is around 20% and the probability that it will fall into the wettest of our five categories is between 25% and 30% (the 1981-2010 probability for each of these categories is 20%).

CONTEXT:

In late autumn and early winter, the influence of global drivers on UK weather patterns starts to increase. Therefore, there is greater predictability than in summer, as skill increases towards its mid-winter peak.

For October, long-range prediction systems imply a moderately increased chance of lower-than-usual sea level pressure and thereby unsettled conditions. As a result, the chances of above-average rainfall are slightly greater than the chances of below-average rainfall (see left-hand graph of figure P2).

For October-November-December overall, there is an increased chance of westerly or south-westerly winds across the UK, which would bring more Atlantic moisture. The chances of above-average rainfall are moderately greater than the chances of below-average rainfall (see right-hand graph of figure P2). The outlook implies an increased likelihood of impacts from high winds and heavy rainfall compared to what is normally expected at this time of year.

Fig P2

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

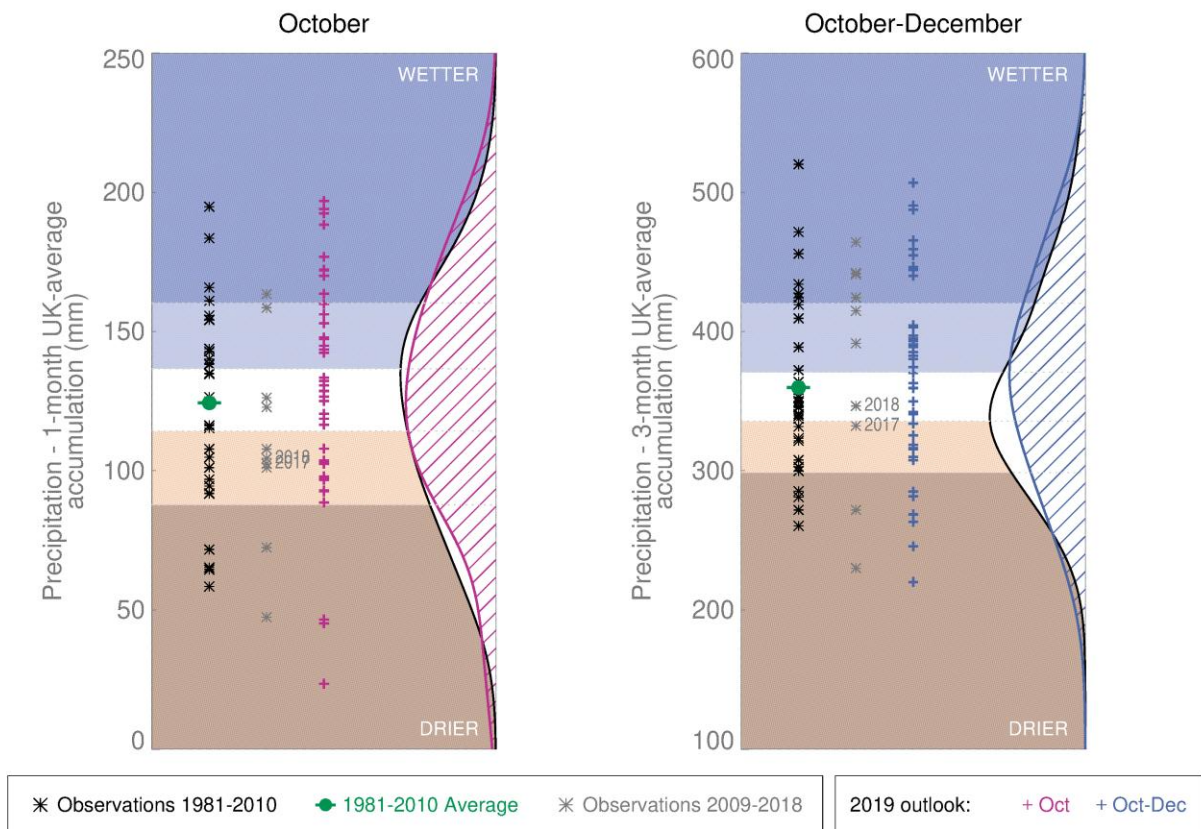


Fig P1

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

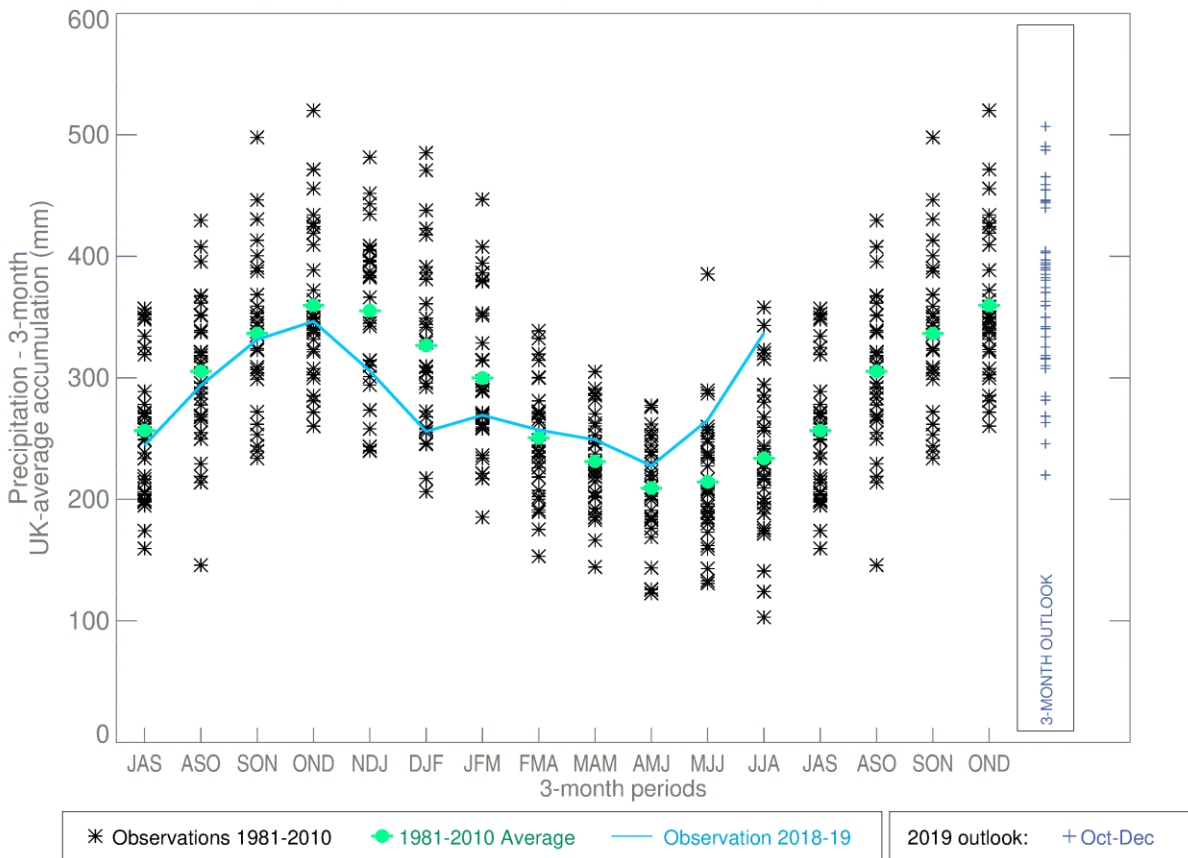
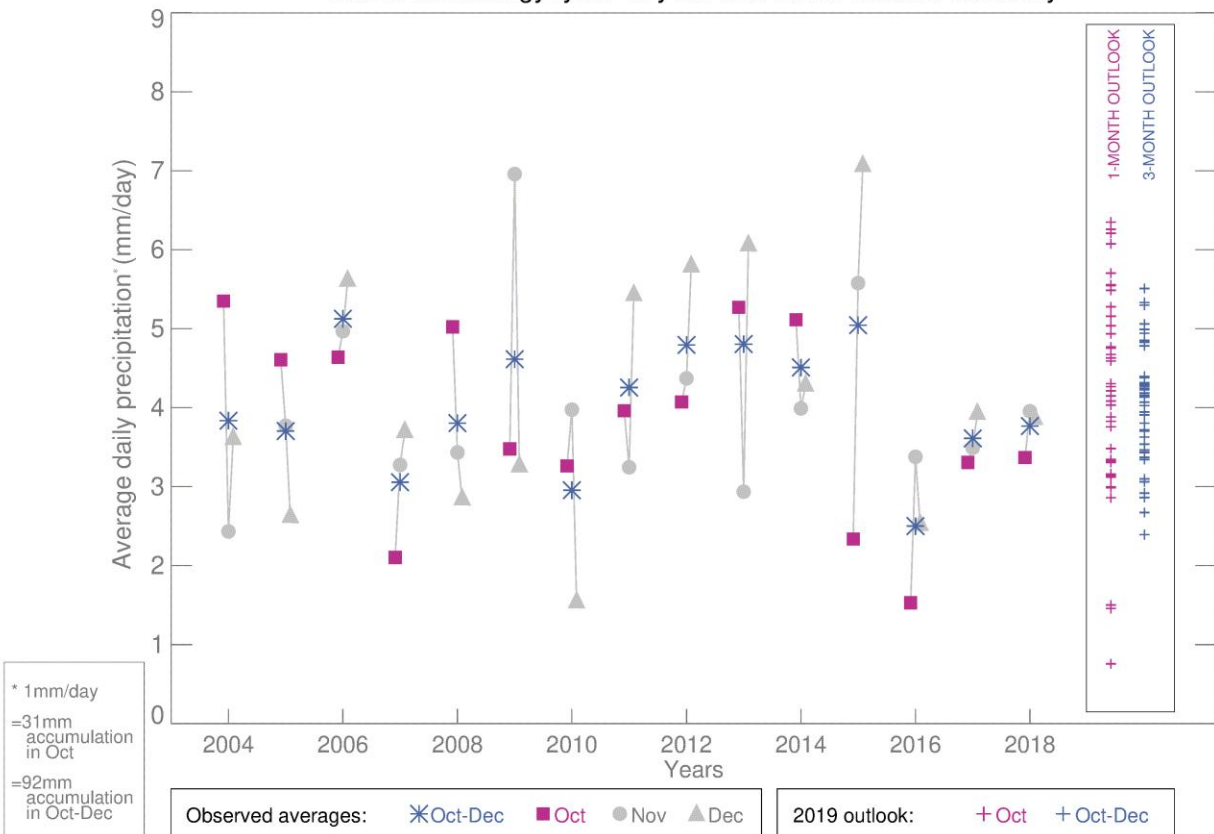


Fig P3

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.