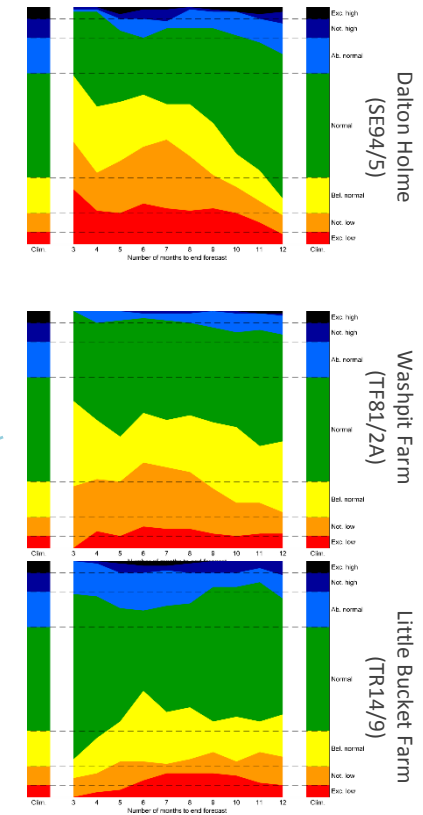
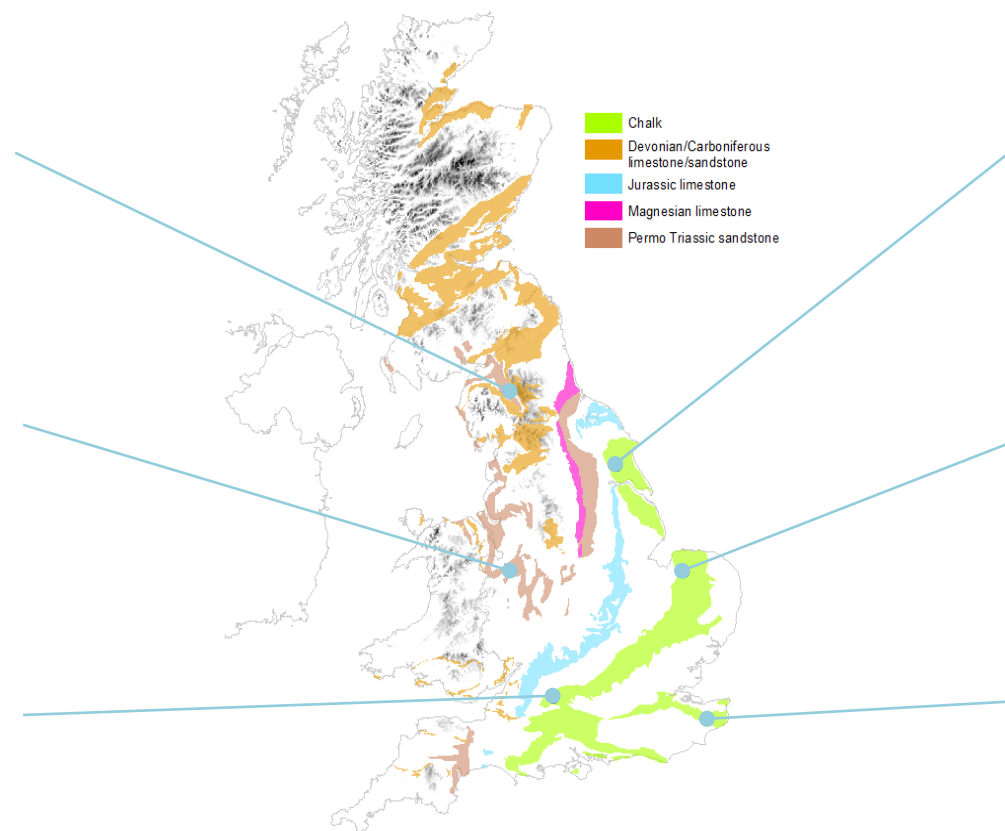
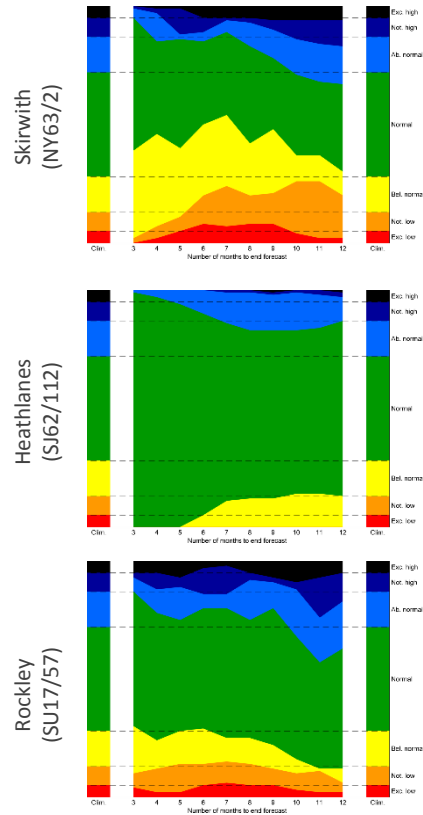


Outlook based on modelled groundwater from historical climate

Period: November 2015 – October 2016

Issued on 06.11.2015 using data to the end of October

SUMMARY Where aquifers are in or near their normal range, no major departures from climatology are expected. The low levels in the Chalk of Yorkshire and Lincolnshire may persist into 2016.



This outlook is based on monthly ensembles of historical sequences of observed climate (rainfall and potential evapotranspiration) that form input to hydrological models. The outputs are probabilistic simulations of the average groundwater level over the forecast horizon (3 to 12 months ahead), at each location.

that fall within each the seven categories: exceptionally low, notably low, below normal, normal, above normal, notably high and exceptionally high. The monthly variations can be compared to the long-term average distribution of levels, which are shown as columns on the left and right of each graph.

knowledge of the state of the atmosphere and ocean. It is hence possible that some of the historical sequences used might be inconsistent with current large-scale atmospheric conditions and would therefore be unlikely to occur in the next few months.

The graphs show variation over time of the number of simulated groundwater levels in each monthly ensemble,

This outlook is based entirely on historical sequences and therefore, this is not a forecast. It does not contain any