

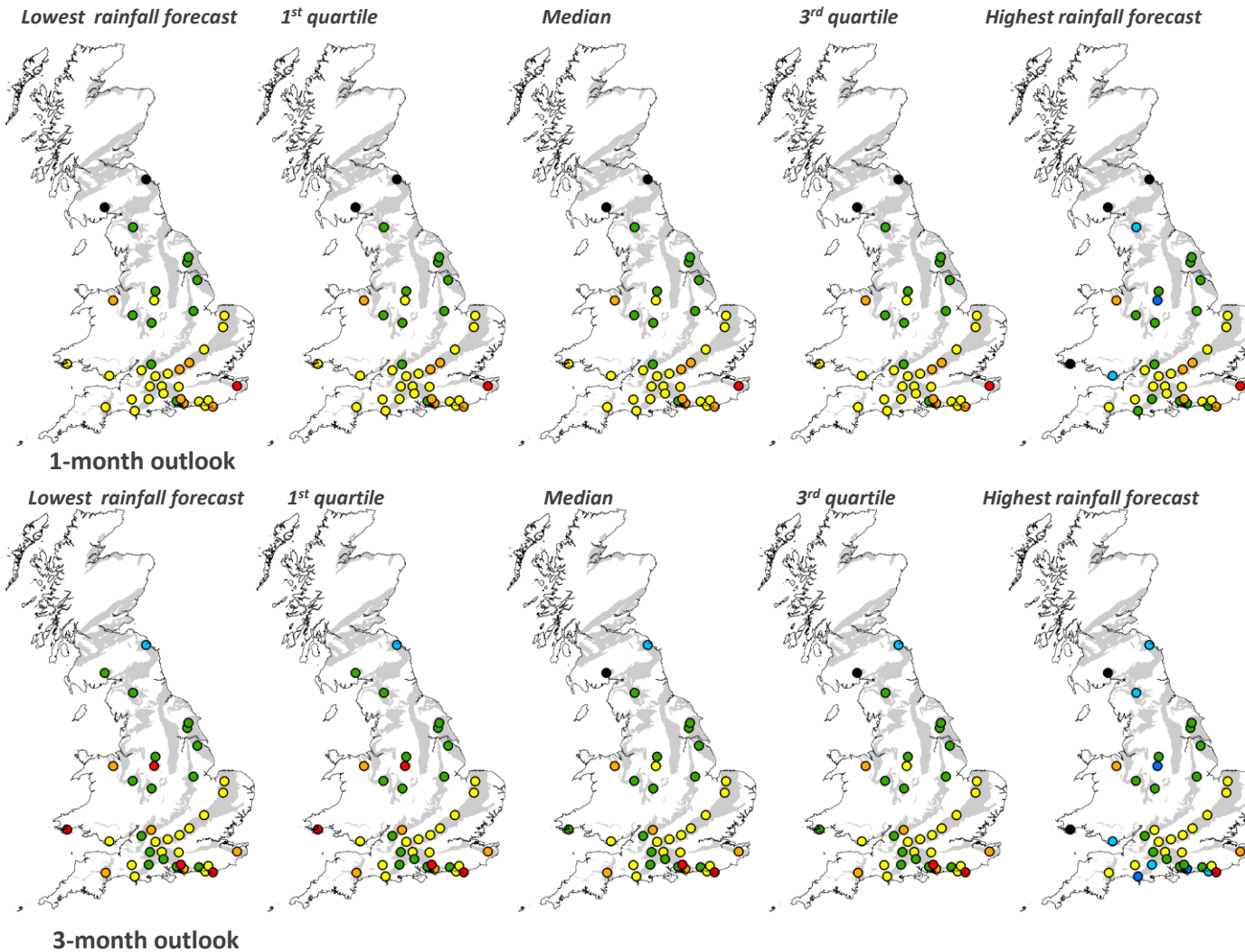
Period: July 2017 – September 2017

Current groundwater status is likely to remain unchanged over the next month, as with well established soil moisture deficits little recharge is expected. This means that below or notably below normal levels will be seen in the Southern Chalk, with some isolated aquifers being exceptionally low. To the north levels are closer to normal, and will still be exceptionally high in the Scottish Perm-Trias. Over 3 months the outlook is less certain, as the timing of autumn recharge is uncertain.

Issued on 07.07.2017 using data to the end of June

These forecasts are produced by running five members of the Met Office ensemble climate forecast through groundwater models of observation borehole hydrographs at 42 sites across the country. The sites are distributed across the principal aquifers.

Based on the distribution of observed historical groundwater levels in a given month, seven categories have been derived for each site: very low, low, below normal, normal, above normal, high, and very high. The forecast groundwater level is assigned to one of these seven categories depending on where it falls within the distribution of the historically observed values.



Key	Percentile range of historic observed values for relevant month
Black	Exceptionally high levels > 95
Dark Blue	Notably high levels 87-95
Light Blue	Above normal 72-87
Green	Normal 28-72
Yellow	Below normal 13-28
Orange	Notably low levels 5-13
Red	Exceptionally low levels < 5

