

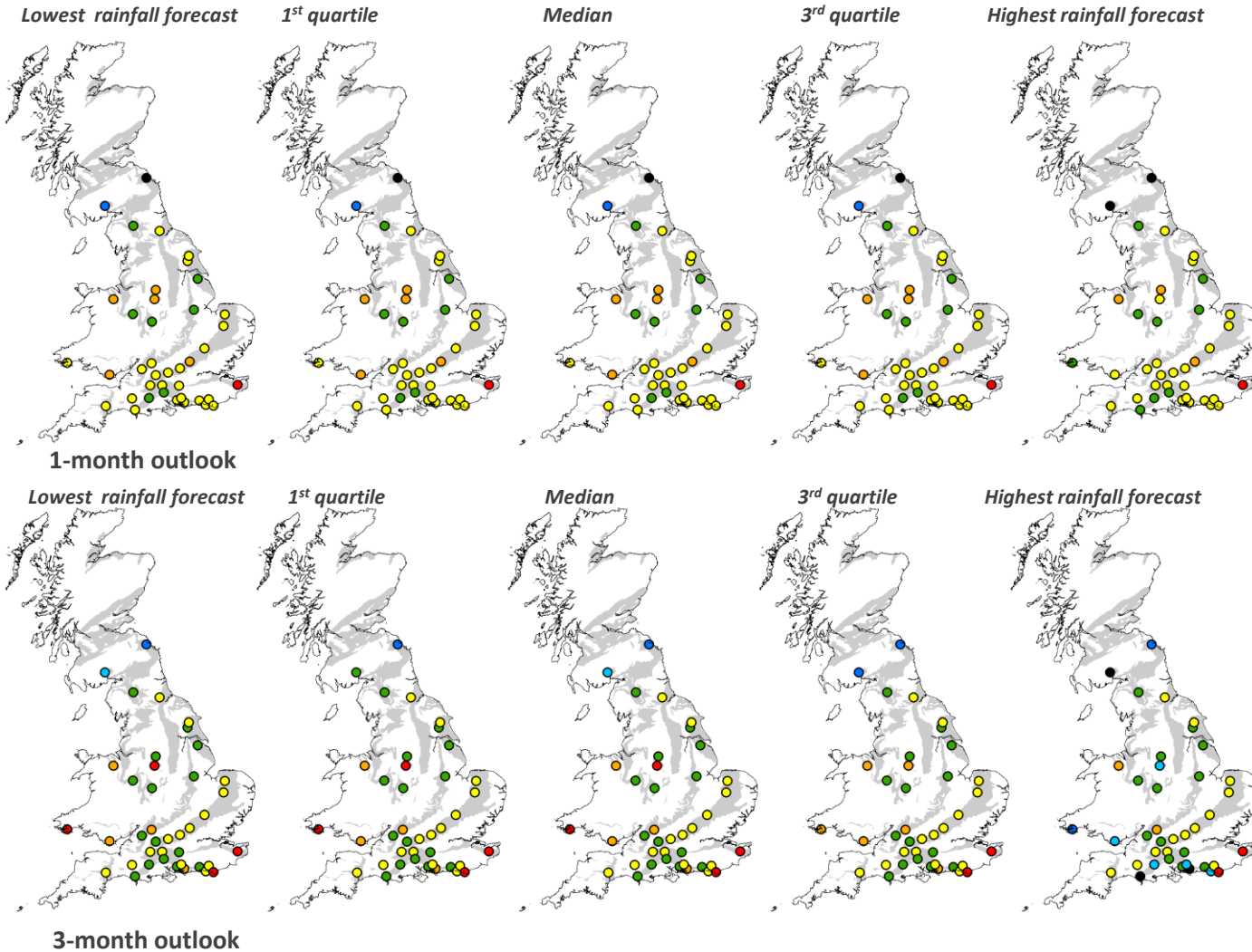
Period: June 2017 – August 2017

Issued on 07.06.2017 using data to the end of May

Over the next month we may see a limited improvement in seasonal groundwater levels in the Chalk; with fewer notably below normal levels in most of the Chalk, although areas of notably or exceptionally low levels may persist in Kent and north of London. Recent rainfall should result in levels in the southern Chalk trending towards normal by August. The Permo Triassic aquifers are unlikely to change status significantly, with notably high levels persisting in the north.

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

