Reply on RC1
Jamie Hannaford et al.


This was missed from our initial reply:

The title of the paper is misleading, it had me expecting to read about projected changes in flows and groundwater in the UK, when in fact the paper presents an evaluation of hydrological models prior to being forced with future runs. Indeed the opening sentence of the abstract doubles down on this - the paper presents a dataset of nationally consistently hydrological projections for the UK based on the latest UK Climate Projections. The paper doesn't do this and thus needs to be reframed as a paper evaluating hydrological models and RCM ensemble members in capturing observed regime - PRIOR to providing climate change projections for the sector.

>>>we feel this is not entirely correct as we do provide a nationally consistent dataset of river flow projections, this is exactly what eFLaG is, and as is made clear from the open dataset. The paper is a data paper and so of course much of the material is about the development of the data and this includes the evaluation (forced with past data as well as with the RCM data used for future runs). We do not feature projections themselves as that is the topic of a separate scientific paper (though note later replies to reviewer 2 that we will feature some limited exemplary results from the eFLaG portal, a viewer that has been released subsequent to this paper). We suggest modifying the title e.g. `The eFLaG dataset: developing nationally consistent projections of future flows and groundwater based on UKCP18` but we must still emphasise that this is about a dataset of hydrological projections.