

Interactive comment on “CAMELS-GB: Hydrometeorological time series and landscape attributes for 671 catchments in Great Britain” by Gemma Coxon et al.

Anonymous Referee #2

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This study presents the first large-scale comprehensive hydrometeorological dataset for Great Britain. Authors synthesize the range of different data type (time and space support) from allied science fields into single, ready for use database in the well-known CAMEL format. The sources and structure of the data are well described; data aggregation procedures within the selected watersheds are specified. Comments on the possible limitations (quality and uncertainties) for the some variables are given. The format of the database is simple and self-describing. Manuscript is well structured and easy to read.

However, some critical comments must be noted:

1) In comparison with, CUAHSI ODM for instance, the CAMEL metadata schema is poorly developed. The database schema does not provide interoperability with data sources and feedback from community. There is no version control for observations, derived values and data series. 2) Addition of a drainage network layer would facilitate navigation through the data and trace the hierarchy of nesting watersheds. 3) Please give an explicit comment on data spatial aggregation - are nested watersheds areas been included or not. 4) Since the database is essentially a set of text files, the use of the version control system (the GitHub, etc.) will minimize efforts for support local copy DBs consistency in the future.

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Discussion paper

