

Interactive comment on “CPLFD-GDPT5: high-resolution gridded daily precipitation and temperature dataset for two largest Polish river basins” by T. Berezowski et al.

Anonymous Referee #1

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Review of “CPLFD-GDPT5: high-resolution gridded daily precipitation and temperature dataset for two largest Polish river basins” by Berezowski et al.

The manuscript “CPLFD-GDPT5: high-resolution gridded daily precipitation and temperature dataset for two largest Polish river basins” by Berezowski et al., submitted to Earth System Science Data presents a high-resolution gridded daily precipitation and temperature dataset as well its description.

The manuscript is well organized and (with a few exceptions) written very clear. The reference list is complete. The methodology is very well explained and the manuscript is easy to follow. Especially for hydrological simulations, there is an increasing need

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for daily observations. The CPLFD-GDPT5 can be a nice addition to the HYRAS data sets, extending the spatial extent of daily observations. One of the things that are very important is that the data is made freely available. I have only a few issues/questions that should be improved in the final version and I would suggest a minor revision.

1. Is this dataset going to be updated on a regular base?
2. From my point of view the missing piece for this paper is a similar figure like Figure 15, but with the SWAT model calibrated with EOBS data. Such a figure will show the added value of having a new data set with a very high resolution, in this case CPLFD-GDPT5.
3. Are the results very different when using Penman-Monteith method to compute the evapotranspiration, instead of Hargreaves?

Interactive comment on Earth Syst. Sci. Data Discuss., 8, 1021, 2015.

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