

Interactive comment on G2DC-PL+ A gridded 2 km daily climate dataset for the union of the Polish territory and the Vistula and Odra basins by Piniewski et al.

The manuscript "G2DC-PL+ A gridded 2 km daily climate dataset for the union of the Polish territory and the Vistula and Odra basins" by Piniewski et al , submitted to Earth System Science Data presents a second, updated version of a high-resolution gridded daily precipitation, temperature, relative humidity and wind speed dataset as well as its description.

Overall, I assess very positively the main achievement of the paper – freely available dataset of high resolution daily data of containing key factors for calculating many climate parameters.

The manuscript is well organized and written quite clear. The reference list is complete. The methodology of interpolation method is based on the work by Berezowski et. al and only the differences between both approaches are described here. The description of the evaluation of interpolation errors was significantly improved.

I am satisfied with the corrections made by the authors and in my opinion the paper can be published in this version (3). However I still feel some the deficiency in the discussion of the effect of station density on interpolation errors.