



EGUsphere, referee comment RC3
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Comment on egusphere-2022-452

Anonymous Referee #3

Referee comment on "Technical note: Improving the Initial Conditions of Hydrological Model with Reanalysis Soil Moisture Data" by Lingxue Liu et al., EGU sphere, <https://doi.org/10.5194/egusphere-2022-452-RC3>, 2022

This paper has emphasized the improvement of initial condition of hydrological simulation for many times, but its main work is to make comparison analysis of different given initial conditions. Critically, hydrological simulation without warm-up is misunderstanding. In fact, warm-up and initial conditions given plays different roles in the numerical solution to PDE.