

Hydrol. Earth Syst. Sci. Discuss., referee comment RC5
<https://doi.org/10.5194/hess-2022-96-RC5>, 2022
© Author(s) 2022. This work is distributed under
the Creative Commons Attribution 4.0 License.



Comment on hess-2022-96

Anonymous Referee #5

Referee comment on "FarmCan: A Physical, Statistical, and Machine Learning Model to Forecast Crop Water Deficit at Farm Scales" by Sara Sadri et al., Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2022-96-RC5>, 2022

The manuscript is good and it can be publishable in the HESS journal. The specific comments of each section of the manuscript are given below:

- The finding details of the research can be included in the abstract section.
- A comprehensive literature review is needed considering recent developments.
- The study area section needs to be more explanatory such as past climatic scenarios which will directly or indirectly affect the crop.
- Figure 1 should include the scale and North direction symbol.
- Figure 3 explains day 8, PET, ET etc. Why day 8 parameters are important and what about other days. Figure 6 also only describes the 8-day variability. What is the significance of the day 8 events?
- The conclusion section should be more informative.