

Hydrol. Earth Syst. Sci. Discuss., referee comment RC3  
<https://doi.org/10.5194/hess-2021-423-RC3>, 2021  
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## **Comment on hess-2021-423**

Anonymous Referee #3

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Referee comment on "Deep learning rainfall–runoff predictions of extreme events" by  
Jonathan M. Frame et al., Hydrol. Earth Syst. Sci. Discuss.,  
<https://doi.org/10.5194/hess-2021-423-RC3>, 2021

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This is a really well motivated and focused paper. Please see the attached PDF for more detailed comments. I recommend accepting the paper as is, but wanted to outline some of my remaining questions while reviewing the manuscript. Within the PDF one will find suggestions that remain up to the authors and the editor to decide whether they are necessary for publication. Ultimately, while I clearly think that these suggestions are interesting avenues to explore, the current paper is extremely well focused and that should be commended.

Please also note the supplement to this comment:

<https://hess.copernicus.org/preprints/hess-2021-423/hess-2021-423-RC3-supplement.pdf>