

Nat. Hazards Earth Syst. Sci. Discuss., referee comment RC1
<https://doi.org/10.5194/nhess-2022-182-RC1>, 2022
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Comment on nhess-2022-182

Anonymous Referee #1

Referee comment on "A methodological framework for the evaluation of short-range flash-flood hydrometeorological forecasts at the event scale" by Maryse Charpentier-Noyer et al., Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2022-182-RC1>, 2022

The research work presented in the paper "A methodological framework for the evaluation of short-range flash-flood hydrometeorological forecasts at the event scale" presents a comprehensive evaluation of a short-range hydrometeorological ensemble forecast for an event occurred in October 2018 mainly affecting the Aude River basin (south-eastern France).

The topic is very interesting in the context of use in operational forecasting models; the idea has been deeply investigated and, even if the event analyzed has a really short duration, the proposed methodology seems valid, and the results presented are valuable and of interest for the analysis of other events.

The paper is well written, well-structured and readable; the abstract and conclusions are satisfactory; the scientific methods and assumptions valid and clearly outlined, the figures are clear, and the explanations are exhaustive.

To conclude I believe that the paper is a good candidate for being published in NHESS.