Comment on nhess-2021-347
Anonymous Referee #2

Referee comment on "Characteristics of precipitation extremes over the Nordic region: added value of convection-permitting modeling" by Erika Médus et al., Nat. Hazards Earth Syst. Sci. Discuss., https://doi.org/10.5194/nhess-2021-347-RC2, 2022

Review on Médus et al: Characteristics of precipitation extremes over the Nordic region: added value of convection-permitting modelling

The paper addresses the added value of convection permitting simulations for the representation of daily and hourly precipitation extremes over complex terrain.

The manuscript is well written. It provides many useful aspects to the topic of the added value of simulations with an explicit treatment of deep convection. Very valuable is the comprehensive comparison of the simulations with various observation and reanalysis data sets and their thoroughly discussion of their characteristics and limitations. The results fit well to the findings of other papers in that field. Their conclusions are well supported by the material and not overstated.

I recommend the paper for publication.

Minor point:
Line 420: The reference to Figure S5 should be correctly to Figure S4 c,d