

Interactive comment on “A numerical study to investigate the roles of former hurricane Leslie, orography, and evaporative cooling in the 2018 Aude heavy precipitation event” by Marc Mandement and Olivier Caumont

Anonymous Referee #3

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My comments are summarised in the attached pdf. Overall, the authors have put together an interesting and detailed case study paper on the mechanisms driving a recent, high-impact heavy rainfall event across southern France. The analysis and evaluation of the model relative to observations is thorough and wide-ranging, and the level of technical knowledge is impressive. I congratulate the authors on putting this manuscript together, which contains a lot of impressive science. However, there are quite a few small issues to address, which I have detailed in the attached document.

Overall, the paper would benefit from being streamlined, and the results placed into

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wider context more robustly. I have suggested major revisions, but don't think these edits should take a huge amount of time, and look forward to reading a revised version in the near future.

Please also note the supplement to this comment:

<https://wcd.copernicus.org/preprints/wcd-2020-54/wcd-2020-54-RC3-supplement.pdf>

Interactive comment on Weather Clim. Dynam. Discuss., <https://doi.org/10.5194/wcd-2020-54>, 2020.

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