

Interactive comment on “Characteristics of a Hailstorm over the Andean La Paz Valley” by Marcelo Zamuriano et al.

Anonymous Referee #3

Received and published: 14 March 2019

The manuscript examines a severe convective storm event associated with large hail and heavy rainfall that occurred in February 2002 over the La Paz region in South America. Due to the scarce availability of suitable observational data, WRF simulations complemented by sensitivity studies with different model setups were conducted. The main objective of the study is to identify the mechanisms and processes most relevant for the triggering and maintenance of the convective storms. The topic of the paper is basically relevant for NHESS. However, there are a number of important issues that have to be considered and addressed before the paper can be published. Above all, an in-depth discussion of all figures, the findings and the most important results is necessary.

All my suggestions and comments are listed in the attached pdf as major, minor, and

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editorial points.

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Please also note the supplement to this comment:

<https://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2019-27/nhess-2019-27-RC3-supplement.pdf>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2019-27>, 2019.

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