We thank Anonymous Referee #2 for his/her constructive comments. Our reply is in blue and quotes from the revised manuscript are in purple. Line numbers correspond to the original submission.

Anonymous Referee #2

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Review of the manuscript NHESS-2020-310
The heavy precipitation event of 14–15 October 2018 in the Aude catchment: A meteorological study based on operational numerical weather prediction systems and standard and personal observations
submitted for publication to Natural Hazards and Earth System Sciences

The Authors answered satisfactorily my previous concerns. I have only some minor comments before the paper can be accepted for publication.

Minor remarks

Pag. 1, lines 9-10: "as they are known to play a role in this type of hydrometeorological events".

Corrected.

Pag. 6, lines 165-166: "The SST anomaly was more marked in the South-Western Mediterranean area with values up to 4 °C and persisted until 15 October (not shown)". Is this not shown in Fig 3?

This is not shown for all days, but it is indeed shown for 14 October. We have replaced "(not shown)" with:

(see fig.3 on 14 October)

Pag. 17, lines 357-358: "One could expect that a deeper trough would also be linked with stronger wind, but this was not clear on the wind correlation maps". This sentence seems in contrast with Figure 13, where it can be seen that the rainiest members are characterized by the strongest winds, as said also in the Conclusions at pag. 29, line 551: "The three rainiest members predicted the three strongest mean wind speeds blowing from the Mediterranean Sea in Leucate".

The reviewer is right, this sentence is removed because it is misleading. The maritime wind is not directly linked with the minimum pressure inside the trough: it is linked with the pressure gradient parallel to the coast which may be strengthened by a deeper trough but depends on the location and shape of the trough. Thus, instantaneous (and not integrated over time as in fig. 13) wind correlation maps can give unclear results, especially when the location and shape of the trough is not the same in the 3 rainiest members.