“A dynamic and thermodynamic analysis of the 11 December 2017 tornadic supercell in the Highveld of South Africa”

Response to referee report #2

Reviewer: Dry air at mid-levels

At several locations in the manuscript, dry air at mid-levels is addressed to be important to get instability. It would be correct to replace “dry mid-level air” by “steep mid-level lapse rates” throughout the manuscript.

Response: Thank you for noting this. The revised manuscript now replaces “dry mid-level air” with “steep mid-level lapse rates” as suggested.

Reviewer: Structure of the Mesoanalysis section

Still, it is difficult to follow this section. I suggest to re-sort the paragraphs in the way surface analysis – soundings – lapse rate analysis – radar data.

Response: The suggested re-sorting and sub-sectioning has been created. Thank you for this suggestion as it makes the mesoanalysis section more organised and easy to follow.

Reference