

We thank the Reviewer for the very suitable comment made to our paper. The analysis derived from the comment has substantially improved both paper and the understanding of the scientific question. The major changes in the revised version are:

- Added a paragraph in the Discussion section, where we compared the results of two new experiments against former TRAJ experiment, as part of the suggested sensitivity study proposed by the Reviewer. The two new experiments consist either in a denser initialization grid or a higher initial potential temperature to release the daily new air parcels.
- Added a figure with the corresponding results from the sensitivity analysis.