

5 March 2023

Dear authors

The reviewers point out the manuscript has much improved. However, there are still a number of issues that require further attention. For this please see the reviewers' reports and address all points in your response (and revised manuscript where appropriate). I want to stress a main point, namely the issue regarding the nighttime PBLH modeling. Please carefully address the question (point 3 : What do the results suggest if only daytime modeling and data are used ?) from the reviewer on this topic in your response and revised manuscript as I believe it is quite important. In addition, after applying the corrections to the english as provided by the reviewers, please have a native speaker go over your manuscript.

Ilse Aben