

REVIEW OF "COMPARISON OF TEMPERATURE AND WIND PROFILES BETWEEN GROUND-BASED REMOTE SENSING OBSERVATIONS AND NUMERICAL WEATHER PREDICTION MODEL IN THE ALPINE COMPLEX TOPOGRAPHY: THE MEIRINGEN CAMPAIGN.

I read with interest the paper and I notice the great improvement in the text, which I now find easy to follow. In my opinion, you nicely responded and modified the work based on all the comments from the other reviewers. I just suggest some smaller modifications, to facilitate reading.

I suggest publishing after taking care of these final minor corrections:

1) line 89: you introduce the campaign in the Haslital here in the introduction. I suggest to provide here some small details (period, location), instead of postponing them in the methods and data section. It helps to give context, otherwise the reader has no idea about which campaign it is.

2) lines 180-190: please refer to figure 1 when you mention the additional station from which you take data from. In this way the reader can find where they are located.

3) line 193: how do you identify rainy conditions in the MWR? beware of wet radome effects after rain is over. Providing some details here does not hurt.

4) line 240 and around; I would start presenting the results from the results that are visible in the figure included in the paper, and then add the points coming from figures in supplementary material. The sentence "the maximum temporal gradient T...." refers to figure S5 before figure 2 is introduced and we get a feeling of the situation you describe

5) For all plots: be consistent with the label of the time axis. Sometimes is "time of the day", sometimes "hours", some others have Time UTC. My suggestion, to have it consistent with the axis on the y, is to write "Time [hours UTC]".

6) some plots (fig 4, fig 12 in particular) compare lines in pink with lines in red and lines in blue. It is hard, sometimes impossible to distinguish the red and the pink. Please change colors.

7) lines 319 - 324: do you really need these introductory lines? the section on wind is nicely structured and you could save some text, I think.

8) In section 3.2.3 you talk about N winds. Is it North winds? I would write it extensively. I did not get immediately what you meant.

9) Please remove all sentences like "Figure X shows this is proportional to that", as it is in the sentence at line 419-420. You can rephrase all of them as "this is proportional to that (Fig x). In the example of the line 419-420 it can be written as: Clear warm days with low cloud coverage in July show a peculiar wind pattern along the Haslital (Figure 10a). Another case is in line 441-442.

10) Arriving to the end of the paper, it is clear that you mainly aim for climatological variability. I think it is then worth highlighting it more in the abstract. Also the title does not reflect this point particularly. You mainly show diurnal cycles and means, but in the abstract only the performance for monthly temperatures and wind medians made me think about climatology. Maybe it is worth mentioning some specific keywords there "climatology", "monthly/seasonal means" or similar.