Dear Dr. Blanken,

We were encouraged but the positive reviews of our manuscript BAMS-D-24-0108, "The MatterHEX Experiment – Investigating Atmospheric Flow Patterns in Highly Complex Terrain Related to Banner Cloud Formation.” We very much appreciate the time and effort that you as editor, and the reviewers have invested into the manuscript. We have addressed each of the comments the reviewers have raised and made changes to a revised manuscript.

I have uploaded a “Reply-to-Reviewers”, a new revised manuscript “Manuscript\_R1” as well as a version with all additions highlighted in red “Manuscript\_R1\_Highlighted”, and an updated “Supplements\_R1”.

Regarding the follow-up paper that we cite throughout our manuscript: It is under minor revisions with JAS. The reference is JAS-D-24-0193, and the editor is Dr Bartello ([bartello.jas@ametsoc.org](mailto:bartello.jas@ametsoc.org)). It would be great it both articles could appear at around the same time.

We very much appreciate your efforts,

Sebastian Hoch