

Dear Ryan Teuling, dear Editor,

We thank you for the rapid peer-reviewing of our revised manuscript.

We have addressed the last points raised by Ruben Imhoff (see details below as well as the marked manuscript).

We sincerely hope that the final manuscript meets your expectations for publication in HESS.

Kind regards,

Michel Journée
Edouard Goudenhoofdt
Stéphane Vannitsem
Laurent Delobbe

Responses to the comments of Ruben Imhoff:

(The comments from the reviewer are in italic and our responses are in normal font.)

Rainfall product description: [...] This is just a minor remark, but good to point out the significance of this change for the dataset in the appendix as well.

This is now also clarified in the Appendix A4.

Lines 123 – 124: [...] Although I am happy with the answer, I cannot find it back in the adjusted text. If I did not miss it by accident, could the authors still add it?

These details are now well provided in the new Appendix B.

Figure 10a: [...] Could the authors also add the last sentence “but where total rainfall amounts remain rather moderate” of their explanation to the main text? I think this will be insightful for the readers.

”but where total rainfall amounts remain rather moderate” is now in the main text (lines 299 and 300).

Figure 14 and A2: Thanks for adding both figures! The used rainbow color map may not be the best choice for colorblind people. The authors may consider a different color scheme, see e.g. Crameri et al. (2020)

The color scales have been changed.