

Interactive comment on “West Greenland ice sheet retreat history reveals elevated precipitation during the Holocene thermal maximum” by Jacob Downs et al.

Jacob Downs et al.

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We have made an additional round of edits to the manuscript in order to address reviewer comments to the best of our ability. To give a brief overview:

- Overall, there is less emphasis on connections between modern and Holocene climate. We agree that there may be too much uncertainty to draw significant parallels.
- All modeling work presented in the manuscript now includes isostatic uplift. This did not significantly impact our results or interpretation, but we felt it was important to include it.

tant to verify this.

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- There is more emphasis on the data-assimilation methods. We have tried to clarify some points and make the methods more accessible to a broader audience.
- Many figures have been revamped based on reviewer feedback.
- The discussion has been revamped to hit on several insightful points from reviewers. There is also more discussion related to advantages / disadvantages of different approaches to uncertainty quantification.

Interactive comment

We have included the revised manuscript in the supplement.

Please also note the supplement to this comment:

<https://www.the-cryosphere-discuss.net/tc-2019-129/tc-2019-129-AC5-supplement.pdf>

Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2019-129>, 2019.

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