

I would like to thank both reviewers for their constructive comments on this manuscript and also the authors for posting their response to the reviewers' comments.

In their response, the authors outline the steps that they propose to take to address all the main points raised by the reviewers. I request that the authors consider two additional points as they prepare a revised version of their manuscript (the first is taken from my original access review):

- The authors partly motivate their study by referring to ongoing discussions about the timing and extent of ice sheet minima during the Pleistocene. However, given that this study presents evidence relating to ice sheet maxima, the link is a little weak. The desire to provide more-complete geological evidence to test ice-sheet model reconstructions is well posed, but you may want to consider whether being able to reproduce ice sheet behaviour during a glacial period automatically qualifies an ice sheet model as being suitable for projecting future Greenland Ice Sheet change.
- Please ensure that, where necessary, statements are suitably supported by references.

In general, both reviews are positive, and I therefore encourage you to submit a revised manuscript that addresses the points mentioned above and in the individual reviews.

Kind regards,

Pippa Whitehouse