

Interactive comment on “Simulating Marine Isotope Stage 7 with a coupled climate-ice sheet model” by Dipayan Choudhury et al.

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Received and published: 19 June 2020

We thank the reviewer for their constructive comments, which we believe have helped improve the quality of the manuscript. To address their concerns, we have made substantial revisions. Specifically, we have expanded and clarified the description of the coupling mechanism between the climate and ice sheet model. We have also added more discussions of our results in the context of previous studies of reconstructions. Detailed responses to the issues raised by them can be found in the attached pdf along with excerpts from the revised manuscript in boxes. A bibliography of the references cited therein is present at the end of the document. We would like to emphasize that excerpts presented here are only a handful of the changes made to the manuscript, which are relevant to the reviewer's distinct comments. Besides these,

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there are many other changes designed to improve the overall appeal of the study.

Please also note the supplement to this comment:

<https://www.clim-past-discuss.net/cp-2020-46/cp-2020-46-AC1-supplement.pdf>

Interactive comment on Clim. Past Discuss., <https://doi.org/10.5194/cp-2020-46>, 2020.

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