**Using results from the PlioMIP ensemble to investigate the Greenland Ice Sheet during the mid-Pliocene Warm Period**

Response to the editor

The authors thank the editor for accepting this paper and their helpful final comments. Regarding the use of the term ‘mid-Pliocene’ or ‘mid-Pliocene Warm Period’ (mPWP), we have decided to retain its use throughout this paper in order to remain consistent with the original description of the wider PlioMIP project. We have made further clarifications as to this in the paper. We appreciate that possibly mid-Piacenzian would be strictly correct in terms of the ICS, however we wish to avoid confusion for readers referring back to other PlioMIP outputs. We have clearly defined the mPWP as a warm interval between 3.264 and 3.025 million years ago and we have corrected all instances where mPWP should be used and was not. We still use the terms Late Pliocene or Pliocene when referring to data when the original authors have specified that particular time interval.

Regarding the minor corrections noted by the editor, we have now addressed these as follows:

All precipitation values are given in mm day-1 and the mistake (stating mm per year) was in the response to the reviewer.

Typographical errors have been corrected