

The Cryosphere Discuss., author comment AC1
<https://doi.org/10.5194/tc-2021-37-AC1>, 2021
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Reply on CC1

Ole Zeising and Angelika Humbert

Author comment on "Indication of high basal melting at the EastGRIP drill site on the Northeast Greenland Ice Stream" by Ole Zeising and Angelika Humbert, The Cryosphere Discuss., <https://doi.org/10.5194/tc-2021-37-AC1>, 2021

Dear William,

many thanks for you comment - very much appreciated!

From line 182 onwards we assembled all we were confident to estimate for the heat flux at this point - not that easy without a temperature profile down to the base, but progressing drilling operations at EastGRIP will eventually retrieve that in the next years. We think that then our analysis of the heat flux can be further constrained!

Please note, we mentioned the melt rate corresponding to 970 mW/m^2 in line 34.

Best wishes,

Ole and Angelika