

The Cryosphere Discuss., author comment AC1 https://doi.org/10.5194/tc-2021-38-AC1, 2021 © Author(s) 2021. This work is distributed under the Creative Commons Attribution 4.0 License.

Reply on RC1

Pia Nielsen-Englyst et al.

Author comment on "Deriving Arctic 2□m air temperatures over snow and ice from satellite surface temperature measurements" by Pia Nielsen-Englyst et al., The Cryosphere Discuss., https://doi.org/10.5194/tc-2021-38-AC1, 2021

Thank you for your time and effort put into reviewing this paper. We appreciate your valuable comments, which helped us to improve the quality of the paper. In the revised version, we have dealt with every comment raised, and our responses are highlighted in blue in the attached file.

Please also note the supplement to this comment: <u>https://tc.copernicus.org/preprints/tc-2021-38/tc-2021-38-AC1-supplement.pdf</u>