

## ***Interactive comment on “Spatio-temporal variability of Arctic summer temperatures over the past two millennia: an overview of the last major climate anomalies” by Johannes P. Werner et al.***

**D.s Kaufman (Editor)**

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Dear Authors: Thank you for your replies to the reviewers' comments. In my opinion, your responses are sufficient for a decision on the publication – except for one remaining critical issue. Referee #2 (McKay) pointed out that there is no evidence in the proxy dataset that supports the preindustrial warming trend in Greenland and eastern Canada, as is shown in your reconstruction. He suspected that the direction of the proxy relations might have been reversed in your formulation. I agree with the referee that this important disagreement and its cause must be diagnosed and discussed before the paper can proceed. Therefore, please prepare a response for this

C1

interactive discussion that includes an explanation of the discrepancy between the observational/proxy data and the reconstruction. If there is an error in the reconstruction, please take the time to correct it and explain how the revised reconstruction will influence the primary conclusions of the paper.

Sincerely, Darrell Kaufman

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Interactive comment on Clim. Past Discuss., <https://doi.org/10.5194/cp-2017-29>, 2017.

C2