

Interactive comment on “Snow cover variability across glaciers in Nordenskiöldland (Svalbard) from point measurements in 2014–2016” by Marco Möller and Rebecca Möller

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Dear Authors and Reviewers,

thank you all for submitting your constructive comments and the respective responses. Based on the criticism raised, I discourage submission of a revised version at this stage.

Details of this decision are as follows:

Reviewers 1 & 2 gave differing recommendations on how to proceed with this discussion paper, which is why I invited a third reviewer. All reviewers agree that the data

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presented here are unique and also potentially useful for other researches. (I add to this that related field work was surely not an easy task.) However, particularly reviewer 1 and 3, question application of the data as currently presented (RC1-1 // RC3-1) and both don't recommend publication in ESSD. The authors recognize parts of their criticism and suggest to "shift the major analytical focus" towards the snow density variability (RC3-3). I think this can be a promising direction, however, together with the other proposed changes (incl. of new Figures, incl. new data from weather stations, alternative interpolation schemes,..) this will introduce a new scientific topic and go beyond a normal revision. I therefore follow the suggestions from reviewer 1 and 3, but hope that the authors can incorporate the raised comments and publish the data in a new paper.

Kind regards, Reinhard Drews

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2018-158>, 2019.

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