

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

Reinhard Drews (Editor)

reinhard.drews@uni-tuebingen.de

Received and published: 15 April 2019

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

C1

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.

C2