

Interactive comment on “Surface mass budget and meltwater discharge from the Kangerlussuaq sector of the Greenland ice sheet during record-warm year 2010” by D. van As et al.

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Dear Dirk and co-authors, First, I should make clear what the discussion phase involves. Please examine the web pages describing the review process so you understand how this works. You will see that you have two solicited reviews (RC) and three short comments (SC). It is important that you adequately address these comments, especially the RCs, in a revised m/s. Your posted comments clarify most points raised. Some of the comments, however, highlight concerns that I raised during access review regarding how far this study goes beyond what has already been published. They also raise concerns about what the focus of the paper is. Although you tackle this issue in

your response to Mauro Pelto's SC, the fact that this study is the "only one to do X" does not necessarily make X, or the paper, of sufficient interest to merit publication. One of the potentially more interesting aspects of the paper related to water routing but, as pointed out by Bartholemew, this was (too) speculative. As a consequence, I would like you to provide me with a set of bullet points detailing the novelty, advancement in understanding and/or new insights that you believe a revised m/s could provide before I make a recommendation on whether to consider a revision for TC.

Interactive comment on The Cryosphere Discuss., 5, 2319, 2011.

TCD

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