

Interactive comment on “Modelling the transfer of supraglacial meltwater to the bed of Leverett Glacier, southwest Greenland” by C. C. Clason et al.

C. Clason

caroline.clason@natgeo.su.se

Received and published: 31 July 2014

Thanks for your valuable comment Martin. Luckily in this case I can put the mistake down to an omission by me to change the value in the text. The value of $A = 1.6 \times 10^{-15} \text{ s}^{-1} \text{ kPa}^{-3}$ was used when running a previous version of the model, described in Clason et al. (2012), and I obviously missed editing this part of the methodology from an old version of the manuscript to reflect the updated model.

The value for A used in this case is $9.3 \times 10^{-16} \text{ s}^{-1} \text{ kPa}^{-3}$ with an associated viscosity parameter, B , of $324 \text{ kPa a}^{1/3}$.

Many thanks for spotting this!

C1454

Best regards,

Caroline Clason

Clason, C.C., Mair, D.W.F., Burgess, D.O. & Nienow, P.W., (2012), Modelling the delivery of supraglacial meltwater to the ice/bed interface: application to the southwest Devon Ice Cap, Nunavut, Canada, *Journal of Glaciology*, 58 (208), 361-374

Interactive comment on The Cryosphere Discuss., 8, 4243, 2014.

C1455