Interactive comment on “Quantifying the Jakobshavn Effect: Jakobshavn Isbrae, Greenland, compared to Byrd Glacier, Antarctica” by T. Hughes et al.

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See attached supplement for pdf of this

Corrections to “Quantifying the Jakobshavn Effect” Terence J. Hughes, 27 June 2014

Page 2055, line 10. Put a period after “A” and replace “but the choice would be arbitrary,” and makes Eq. (8) useless.” with “We prefer to let increasing f in Eq. (3) reflect the convergence of tributaries.”

Page 2058. In Eq. (18), replace ( ) with ( ). Add as Eq. (19) the following: see supplement for correct equation (19)

Page 2061, line 15. In Eq. (20) replace the + sign with a − sign after .


Page 2073. Replace Eq. (44) with Eq. (51) in line 4. In Eq. (56), replace with in the numerator and replace with in the denominator.


Page 2083. In line 5, after “depression” add “after 2012”. In line 27, after “tributaries,” add “so f increases because tributaries converge,”

Page 2086. In line 1, after add “for flowband width”. In line 16, after “values” add “without locally higher surface ice velocities”. In line 18, after “Nye (1952b).”, add “Alternatively,” and replace “Greater” with “greater”. In line 25, replace “CReSIS glaciologists” with “The CReSIS radar team”.

Page 2087. In line 7, replace “the ice stream” with “ice streams”. In line 16, replace “term in” with “link to in Eqs. (32) and (36)”.

Page 2089, line 11. After “shearing” add “against embayments and”.

Page 2091, line 2. Replace “Eq. (50).” after “see” with “Eq. (50), where the grounding line retreats into a bedrock depression, which is now the case.”


Page 2098, line 23. Replace “Le Hooke, R., B.” with “Hooke, R. LeB.” And put in alphabetical order.

References to be added to the reference list are the following.

Hooke, R. LeB., and Holmlund, P.: Extrusion flow demonstrated by bore-hole deformation measurements over a riegel, Storglaciaren, Sweden, J. Glaciology, 33(113), 72-78, 1987.


Please also note the supplement to this comment:
http://www.the-cryosphere-discuss.net/8/C1017/2014/tcd-8-C1017-2014-supplement.pdf

Interactive comment on The Cryosphere Discuss., 8, 2043, 2014.