

Interactive comment on “Implementation of a physically based water percolation routine in the Crocus (V7) snowpack model” by Christopher J. L. D’Amboise et al.

N. Wever (Referee)

nader.wever@slf.ch

Received and published: 7 June 2017

In the review, I used the wrong definition of the free-drainage boundary condition, using the term constant flux instead of constant hydraulic gradient. So correctly: in SNOWPACK, we implemented free-drainage by setting the *hydraulic gradient* at the bottom of the lowest snow or soil element equal to the *hydraulic gradient* at the top of the element, while only allowing downward flux (otherwise setting flux to 0).

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2017-56>, 2017.