

Interactive
Comment

Interactive comment on “Tomography-based monitoring of isothermal snow metamorphism under advective conditions” by P. P. Ebner et al.

Anonymous Referee #1

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The paper presents the results of experiments on isothermal metamorphism of snow with presence of saturated water vapor flux in the pore space of snow. The result is simple and interesting: such air flow does not affect the isothermal metamorphism. The methods, observations and results are clearly described. The previous paper of the authors in Geophysical Instrumentations provide more details of the experimental set-up, which saves space in this paper. I am not sure how high can be the impact of the obtained results, because it is difficult to expect some flow in the pore space of snow without presence of some special temperature variability, however, as a boundary condition for modeling the process, the results sounds important.

Interactive comment on The Cryosphere Discuss., 9, 1021, 2015.

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Discussion Paper

