

Interactive comment on “MicroHH 1.0: a computational fluid dynamics code for direct numerical simulation and large-eddy simulation of atmospheric boundary layer flows” by Chiel C. van Heerwaarden et al.

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Received and published: 26 March 2017

- there's a sign error in the definition of buoyancy b in the text right above equation (12). The buoyancy is proportional to minus ρ' (missing a minus sign).
- the slope flow equations (14)-(16) are valid for an x -axis pointing upslope. If the x -axis points downslope you need to change the sign of the $\sin(\alpha)$ terms. Might be good to either state this or (better yet), put in a small diagram showing the coordinate system with x pointing up the slope.

C1

Interactive comment on Geosci. Model Dev. Discuss., doi:10.5194/gmd-2017-41, 2017.

C2