

Interactive comment on “Observed versus simulated mountain waves over Scandinavia – improvement by enhanced model resolution?” by Johannes Wagner et al.

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This manuscript is very interesting and thorough. However, I think that one important issue is missing: you should specify what dt you used to correctly handle GW and avoid possible numerical instabilities, particularly if GW produce large vertical velocities. Whatever dt values you used, sensitivity tests should be performed to test the robustness of your results and verify if some dt intervals lead to better agreement with observations.

Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2016-765, 2016.