Atmospheric
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Interactive comment on "Tropical deep convection and density current signature in surface pressure: comparison between WRF model simulations and infrasound measurements" *by* L. Costantino and P. Heinrich

Anonymous Referee #2

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On 3d vs 2d simulations (page 15999) could add reference to Petch et al. 2008 page 16005: "the computational domain is three-dimensional" => it is really two dimensional, I don't think there will be any three-d motion in this model.

Page 16006 sensitivity to changes in delta(Lambda): won't CAPE change as well, so you might not be looking solely at effect of changes in lapse rate.

summary and conclusion:

C10237

second paragraph: Do 2d model details really need to be repeated here ?

page 16029: Says smallest grid has a horizontal resolution of 1km when earlier on it said 3km

Interactive comment on Atmos. Chem. Phys. Discuss., 13, 15993, 2013.