We have substantially addressed all of the comments in this reviews, as was suggested. The major change has been to revise most figures and figure captions to more consistently adhere to standards (also for names, and distinguishing between quantities such as height, altitude and depth), clarify figure elements, changing colors to make some aspects more clear, and to strengthen the description of the figure in the captions.

The one comment where there is a slight chance we misunderstood the reviewer comment, or did not address it adequately was on the lapse rate for the composite boundary layer figure, Fig 8. The dashed line is constant as the lifted parcel is unsaturated and then $\Theta$ increases after it ascends beyond the LCL. Originally we described the dashline as denoting the lapse rate, which is incorrect, what it describes is the potential temperature along an isentrope of near-surface air. If this was the point of confusion, it has been corrected.