

***Interactive comment on “HO_x observations over
West Africa during AMMA: impact of isoprene and
NO_x” by D. Stone et al.***

Anonymous Referee #1

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For the Figure 9 issues I brought out in my review, it may be worth checking on how sensitive the results are (in the very high isoprene, very low NO regime) to your constraint of O₃. You describe the increase in HO₂ with increasing isoprene as due to O₃+isop, leading through CH₂O to HO_x. It might be worth checking on what O₃ concentrations were observed during GABRIEL, and how sensitive your results are to the concentration of O₃ you're constraining to, to help discover why the GABRIEL average is in the increasing HO₂ w/ increasing ISOP regime.

Interactive comment on Atmos. Chem. Phys. Discuss., 10, 17029, 2010.

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