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www.atmos-chem-phys-discuss.net/10/C8318/2010/

Atmospheric Chemistry and Physics Discussions

Interactive comment on "Air mass origins influencing TTL chemical composition over West Africa during 2006 summer monsoon" *by* K. S. Law et al.

K. S. Law et al.

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Reply to reviewer 1:

All minor corrections have been taken into account and amended in the text as follows:

Page 3, line 3 – after lightning NOx (add refs . . .). Reference to relevant Pickering et al. (1996) paper added as an example since this is introductory text.

Page 4, line 9. Note the TC4 and TCSP campaigns over central America in 2007 and 2005, respectively. TC4 and TCSP campaign references added to the text and references also now made to results in Selkirk et al. (2010) and also Park et al. (2010)

later in the text. The reviewer is thanked for pointing out these references.

Page 23, line 16 – it was 52% of local convective impact. Text updated.

Figures: Figure 4 – the numbers have been made larger. Figure 9 – the symbols are larger.

See revised manuscript.

Please also note the supplement to this comment:
http://www.atmos-chem-phys-discuss.net/10/C8318/2010/acpd-10-C8318-2010-supplement.pdf

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Interactive comment on Atmos. Chem. Phys. Discuss., 10, 15485, 2010.