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Comment

Interactive comment on “Medium-range mid-tropospheric transport of ozone and precursors over Africa: two numerical case-studies in dry and wet seasons” by B. Sauvage et al.

B. Sauvage et al.

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Response to Referee2

We thank Referee 2 for his/her comments. Our answers are given below.

(Referee 2) A couple of general comments concerning the text and figures: I thought that issues concerning English expression were to be caught in the first phase of the ACPD review process. They do not appear to have been. There are several locations (listed below) where the English wording should be improved. Please make the figures

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larger such that are more easily readable.

We have improve the English wording and enlarge the figures for the revised manuscript.

p. 4675: An explanation of the various flow regimes is given here. However, I would recommend that a map be included which shows these flow regimes in schematic form. This would help the reader in interpreting the text.

We thank Referee 2 for her/his suggestion. The different flow regimes have been climatologically described in a previous paper (Sauvage et al. ACP 2005). As the present study is complementary, we believe it should be sufficient to refer to that previous study, and thus avoid too numerous and redundant figures.

All other comments have been included in the revised version.

Reference

B. Sauvage, V. Thouret, J.-P. Cammas, F. Gheusi, G. Athier, and P. Nédélec, Tropospheric ozone over Equatorial Africa: regional aspects from the MOZAIC data, ACP, 311-335, 2005.

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 4673, 2007.

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