

[Interactive
Comment](#)

Interactive comment on “Chemical feedback effects on the spatial patterns of the NO_x weekend effect: a sensitivity analysis” by L. C. Valin et al.

D. Stedman (Referee)

dstedman@du.edu

Received and published: 24 September 2013

This paper is in excellent shape and entirely publishable as is or with optional minor revision.

It is also a very useful contribution to our knowledge of photochemical smog. If I were writing it I would make more of a point that if the basin is NO_x saturated then NO_x reduction certainly is not the way to reduce basin wide ozone but I think that R.C does not particularly want to go that far and he does not have to for this manuscript to have value although the major value that I put on it is likely the man made VOC inputs are underestimated.

If there were anything that the authors should add it is comparison of their NEI source

C7276

[Full Screen / Esc](#)

[Printer-friendly Version](#)

[Interactive Discussion](#)

[Discussion Paper](#)



inventory to EMFAC modeling and the comparison of EMFAC and MOBILE to the Tunnel emissions reported by Fujita et al in JAWMA about a year ago.

Interactive comment on Atmos. Chem. Phys. Discuss., 13, 19173, 2013.

ACPD

13, C7276–C7277, 2013

Interactive
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



C7277