

Interactive comment on “Emissions from forest fires near Mexico City” by R. Yokelson et al.

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We apologize, but due to a problem with Latex codes, there was some text missing in the previous comment by PF DeCarlo and myself (at the end of the 2nd paragraph on page S2686). Since this is actually the key point of our comment, the correct version of that paragraph is given below. The rest of the comment is all correct.

Correct paragraph:

To estimate the contribution of biomass burning to Mexico City outflow including SOA formation in urban air, we use 0.040-0.080 g PM / g CO for non-biomass influenced urban aerosol, as justified below. Redoing the calculation in the paper with these values gives a range of estimates of 22%-37% of total PM in the outflow from fires. Thus fires are still a very important source of total PM in the Mexico City outflow during MILAGRO, but not an overwhelmingly dominating source as suggested by the abstract

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of this paper. We thus strongly suggest that the estimates in the paper are modified to include secondary aerosol formation from urban emissions, which allows the estimation of the contribution of the fires to TOTAL PM outflow, rather than only to PRIMARY PM outflow.

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 6687, 2007.

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