

***Interactive comment on* “Distinct wind convergence patterns due to thermal and momentum forcing of the low level jet into the Mexico City basin” by B. de Foy et al.**

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Other articles that treat this subject are: Klaus D. Ernesto Jauregui, Andreas P., et al 1999, Regular circulation structures in the tropical basin of Mexico City as a consequence of the urban heat island effect. Erdkunde, Archiv fur Wiessenschaftliche Geographie, 53, 231-243.

Locally induced surface air confluence by complex terrain and its effects on air pollution in the Valley of Mexico, Aron D. Jazcilevich, Agustin R. Garcia, Ernesto Caetano, Atmospheric Environment, 39, 5481-5489, 2005.

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Although different confluence episodes are studied, many conclusions seem to coincide between these articles. In your paper the use of the satellite data has been added providing further elements in the analysis of this phenomenon.

These papers point out that the confluence phenomenon is a very important aspect of the pollution distribution over Mexico City.

Congratulations,

Agustin Garcia and Aron Jazcilevich

Interactive comment on Atmos. Chem. Phys. Discuss., 5, 11055, 2005.

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