

Interactive
Comment

Interactive comment on “High-frequency urban measurements of hydrogen and carbon monoxide in the UK” by A. Grant et al.

d. stedman (Referee)

dstedman@du.edu

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The authors perhaps ought to note that a rapidly depositing species can have a deposition velocity as large as 10–2 m/s so these lower deposition velocities are clearly not limited by molecular diffusion, rather by the kinetics of the uptake process whatever it is. Since the uptake is almost certainly biological it is not unlikely that different locations have a different CO removing flora and fauna and thus show differing deposition velocities.

Interactive comment on Atmos. Chem. Phys. Discuss., 10, 1167, 2010.

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