

Interactive
Comment

Interactive comment on “Characteristics and formation mechanism of continuous extreme hazes in China: a case study in autumn of 2014 in the North China Plain” by Y. Yang et al.

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I just saw that two important recent references on the boundary layer dilution on tracer concentrations are missing; Yang et al. discussed partly the role of near-surface wind speed and relatively stagnant weather condition as well as the impact of boundary layer dynamics on aerosol characteristics. I suggest citing the following representative papers on the subject and discussing: 1. Wind speed and wind reversal: Pal et al., 2014. Impact of atmospheric boundary layer depth variability and wind reversal on the diurnal variability of aerosol concentration at a valley site. *Science of the Total Environment*, 496, 424–434, doi: 10.1016/j.scitotenv.2014.07.067 2. Boundary layer

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dynamics: Pal et al., 2015. Investigation of the atmospheric boundary layer height variability and its impact on the ^{222}Rn concentration over a rural background site in France, *Journal of Geophysical Research-Atmospheres*. doi: 10.1002/2014JD022322

Interactive comment on *Atmos. Chem. Phys. Discuss.*, 15, 10987, 2015.

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