

## ***Interactive comment on “Tropospheric ozone and its precursors from the urban to the global scale from air quality to short-lived climate forcer” by P. S. Monks et al.***

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The present review is a valuable addition to the literature on tropospheric ozone for the research community at large. After reading the first review, I was prompted to write this short comment in order to draw attention to some works from South Asia (primarily India), some of which the authors may find useful for incorporation in the final revised paper.

1) For information on summertime ozone (the season characterized by highest surface ozone in North India) the authors may want to refer to Table 4 of Sinha et al. 2014 which

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has a compilation of several previous works and lists the observed ranges/average ozone concentrations from those works.

2) For seasonal variability and a discussion on the current impacts of surface ozone on regional crop yields a very recent work by Sinha et al. 2015 would be relevant. After perusing various works, Sinha et al., 2015 provide an overview of the daytime surface ozone concentrations (in the form of M7 and M12 values) for several additional sites in Table 4 of their paper. This would help assess the regional distribution of ozone.

References:

Sinha, V., Kumar, V., and Sarkar, C.: Chemical composition of pre-monsoon air in the Indo-Gangetic Plain measured using a new air quality facility and PTR-MS: high surface ozone and strong influence of biomass burning, *Atmos. Chem. Phys.*, 14, 5921–5941, doi:10.5194/acp-14-5921-2014, 2014

Sinha, B., Singh Sangwan, K., Maurya, Y., Kumar, V., Sarkar, C., Chandra, B. P., and Sinha, V.: Assessment of crop yield losses in Punjab and Haryana using two years of continuous in-situ ozone measurements, *Atmos. Chem. Phys. Discuss.*, 15, 2355–2404, doi:10.5194/acpd-15-2355-2015, 2015.

Interactive comment on *Atmos. Chem. Phys. Discuss.*, 14, 32709, 2014.

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