

Interactive comment on “Influence of semi-volatile aerosols on physical and optical properties of aerosols in the Kathmandu Valley” by Sujan Shrestha et al.

Anonymous Referee #1

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The authors reported a good quality results of the important problem in the Kathmandu Valley, the did not defined any where in the paper about Semi-volatile aerosol they are targeting, what are the possible sources and what are the pollutants concentrations in Kathmandu valley. In figure it has been shown that absorption of dry and wet aerosol species is maximum in the morning time from 05:00 to 10:00 Hrs, while the absorption at during this time at 50 C and 300 C is less, what is the possible reason , need some explanation,

The ambient meteorological conditions of the study period has not been defined , need to discuss

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Discussion paper



Table 3 shows that with increase in temperature loss of absorption at both wavelength (370nm and 880nm) shows similar linear trend, does it indicate something about composition of semi-volatile aerosol.

The english used in paper should be improved, many times it has been written We did, we computed etc it should be avoided and corrected.

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2017-287>, 2017.

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