

l. 81, and 86: The study by Nguyen et al. (2013) refers to lab studies of organic compounds. Do you mean Nguyen et al. (2014)? If not, please, add a reference for a study that shows that secondary inorganic aerosol formation is promoted by aerosol LWC.

l. 135: where a wide range

l. 171: Köhler theory (?) can be used

l. 222: SOAS average composition aerosol → SOAS average aerosol composition ?

l. 235: You might want to refer here to Section 3.4

l. 294: accordingly

l. 303 and everywhere else: Numbers ± SD are usually rounded to their last significant digits

24.7 ± 3.3 °C → 25 ± 3

73.8 ± 16.1 % → 74 ± 16

4.52 ± 3.75 µg m⁻³ → 5 ± 4

l. 347: You might want to put 2 µg m⁻³ in parentheses

l. 369: doesn't → does not

l. 389, and l. 546: owing to

l. 474: Do you mean 'gas and particle data of NH₃ and NH₄⁺, respectively' are not available'?

l. 489: were measured

l. 524: 'aerosol sources of particle water' is unclear. Please reword.

l. 553: do not

l. 565: when pH approaches...

Comment 37: It might be worthwhile to include your response to the reviewer in the manuscript text.