

Atmos. Chem. Phys. Discuss., referee comment RC2
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Comment on acp-2021-213

Anonymous Referee #2

Referee comment on "Measurement report: Cloud condensation nuclei activity and its variation with organic oxidation level and volatility observed during an aerosol life cycle intensive operational period (ALC-IOP)" by Fan Mei et al., Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2021-213-RC2>, 2021

The manuscript by Mai et al. presents new measurement data and provide detailed and relevant information about aerosol hygroscopicity measured at Long Island. It is well written and have a high quality. It should be published after the following comments are considered.

- 1) I would recommend to make all data publicly available without request is needed. Because the purpose of a measurement report is that other people can work with the data in future.
- 2) I would love to see a map with the trajectory analysis maybe in the main text or in the supplement.