

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.

**Response: We sincerely appreciate the comments and suggestions from our reviewer. Thank you very much for considering the publication of our manuscript. We address your comments below (also in blue).**

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.

**Response: We have all the raw data archived by the ARM Data Center and publicly available for the community. Thus, we revised the data availability session.**

2) I would love to see a map with the trajectory analysis maybe in the main text or in the supplement.

**Response: The trajectory analysis map was shown in Zhou's paper. Thus, we added one sentence to clarify (line 153-154).**

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