

IMPACTS 2020

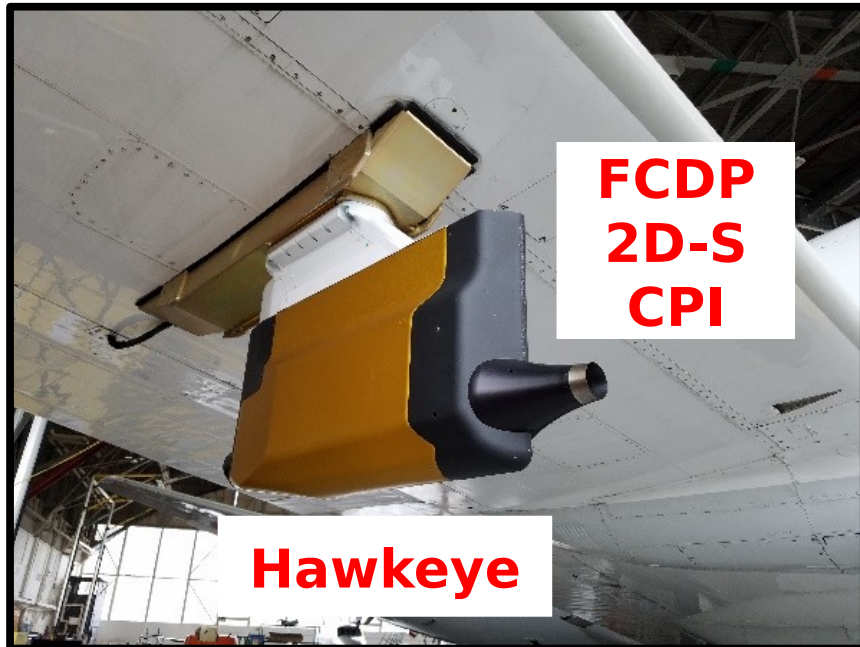
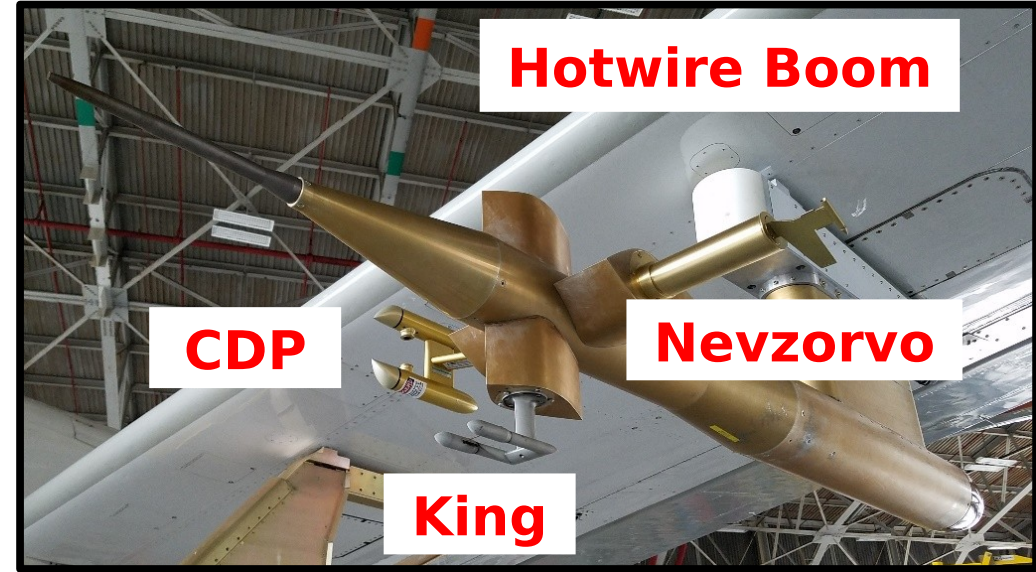
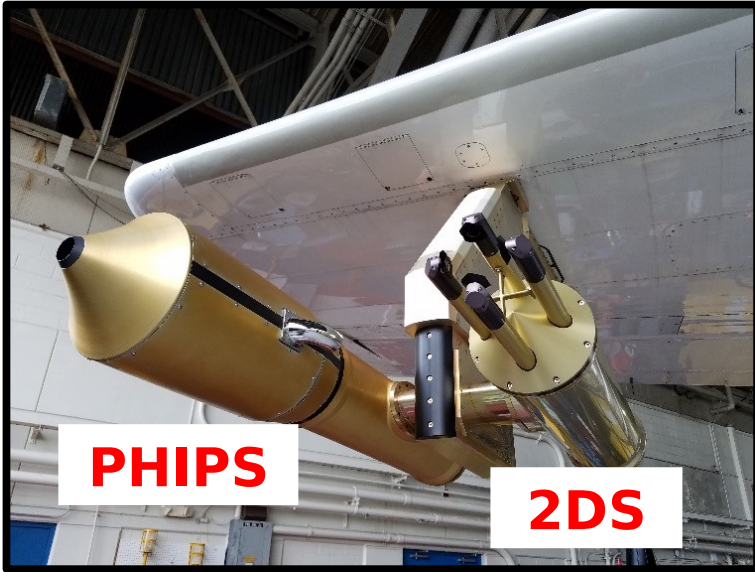
Cloud Probes - Science

**David Delene, Mike Poellot,
Kendra Sand, Greg Sova,
and Trece Hopp**

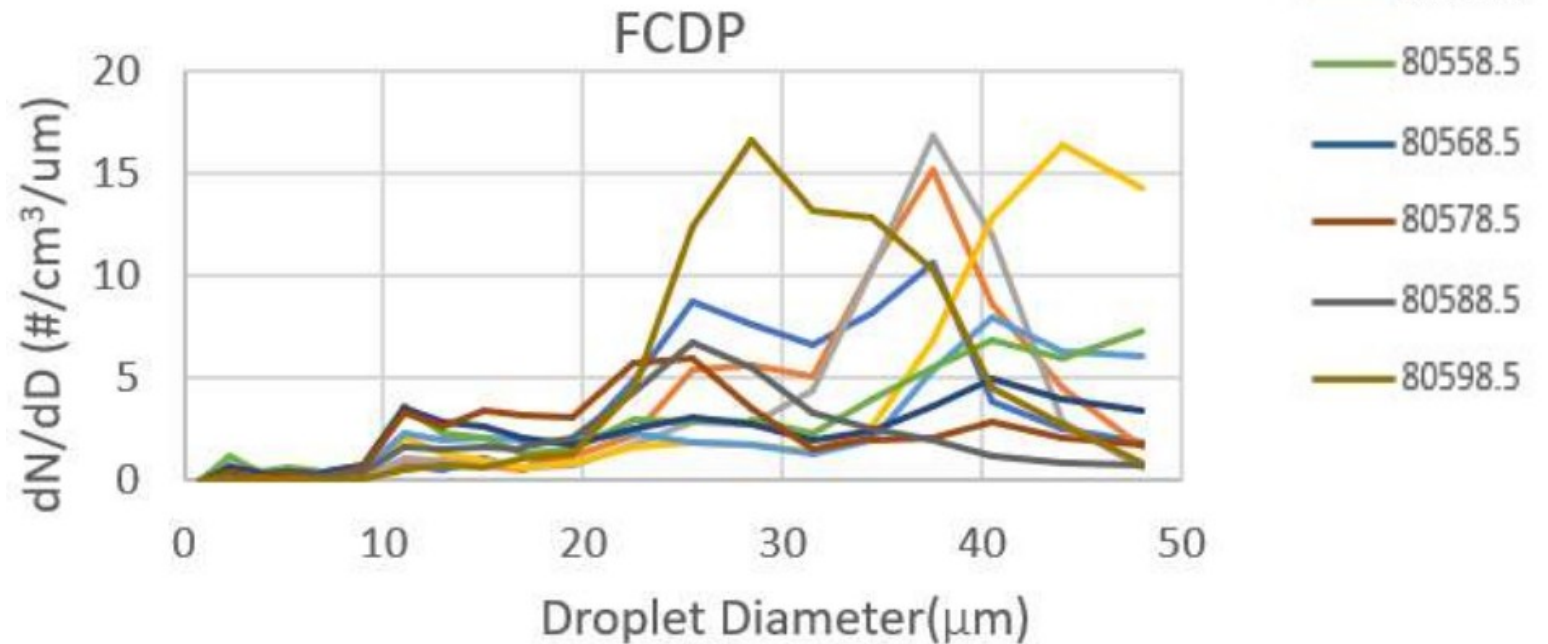
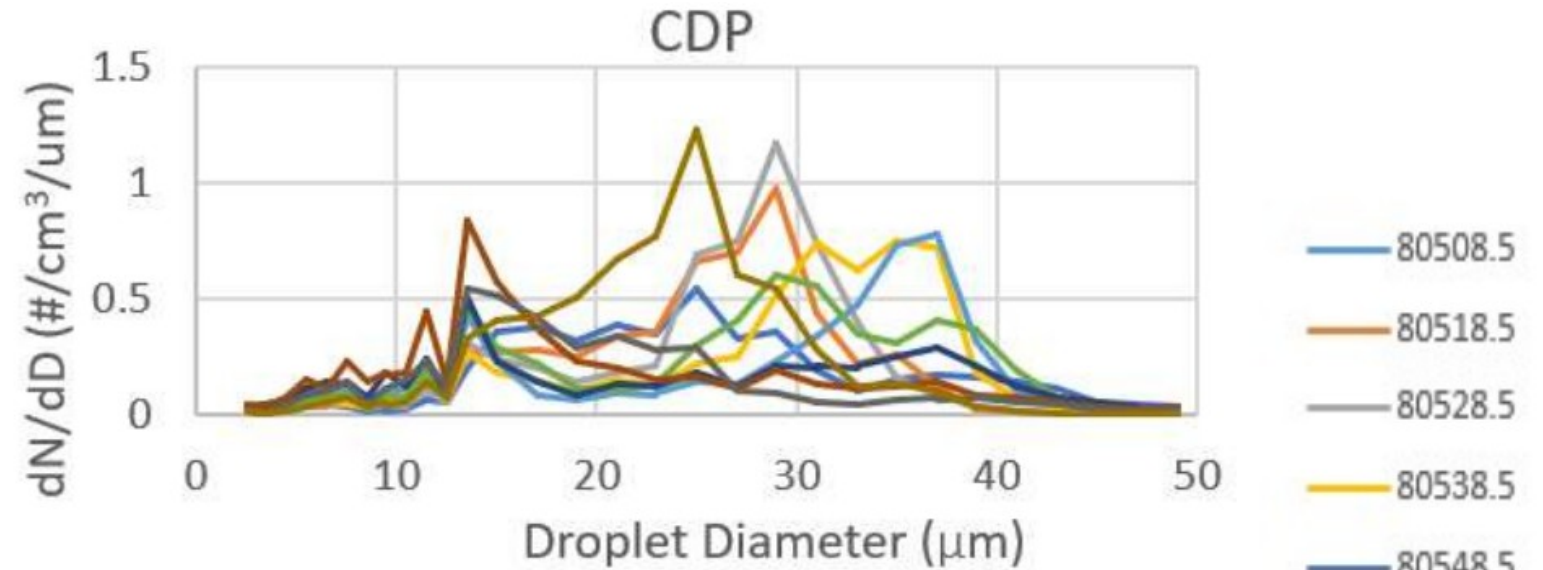
University of North Dakota

28 September 2021

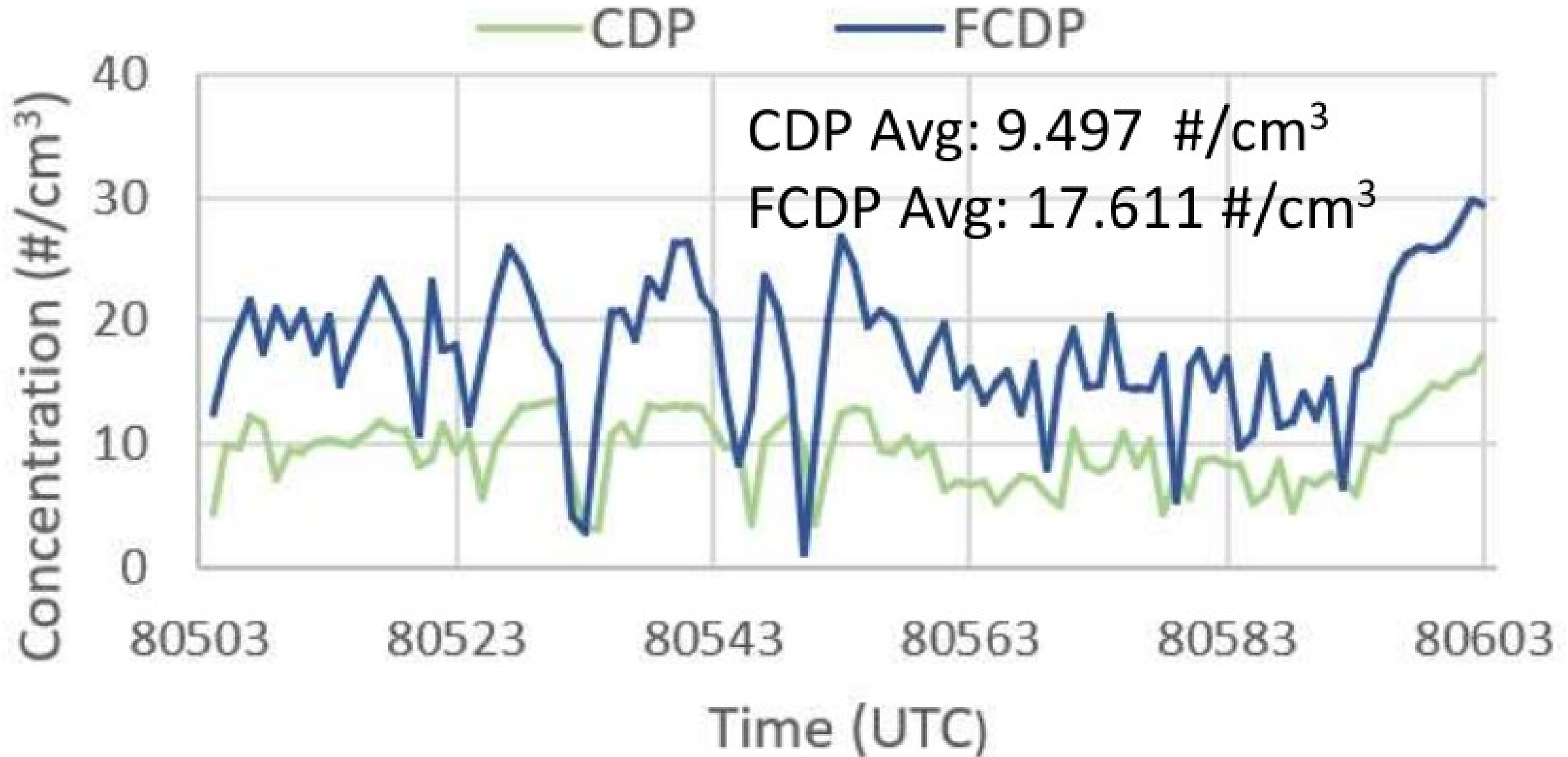
IMPACTS 2020 Cloud Probes



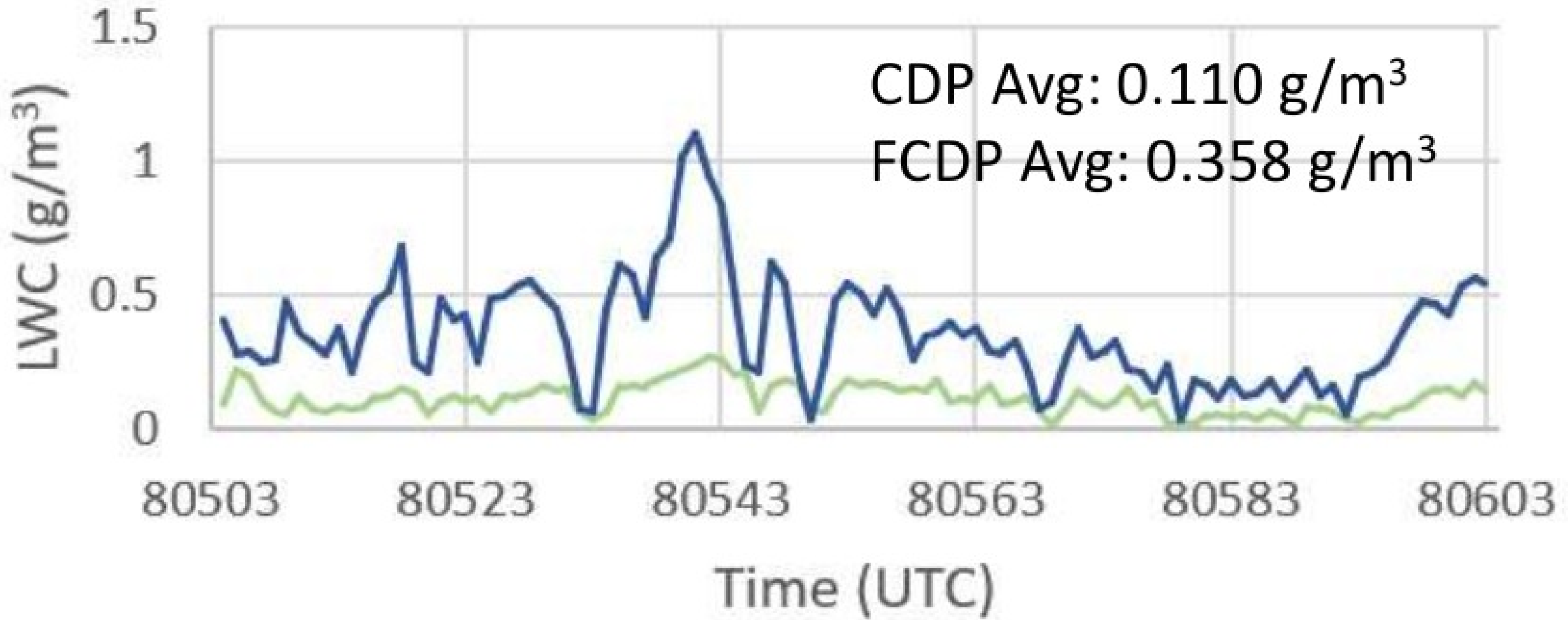
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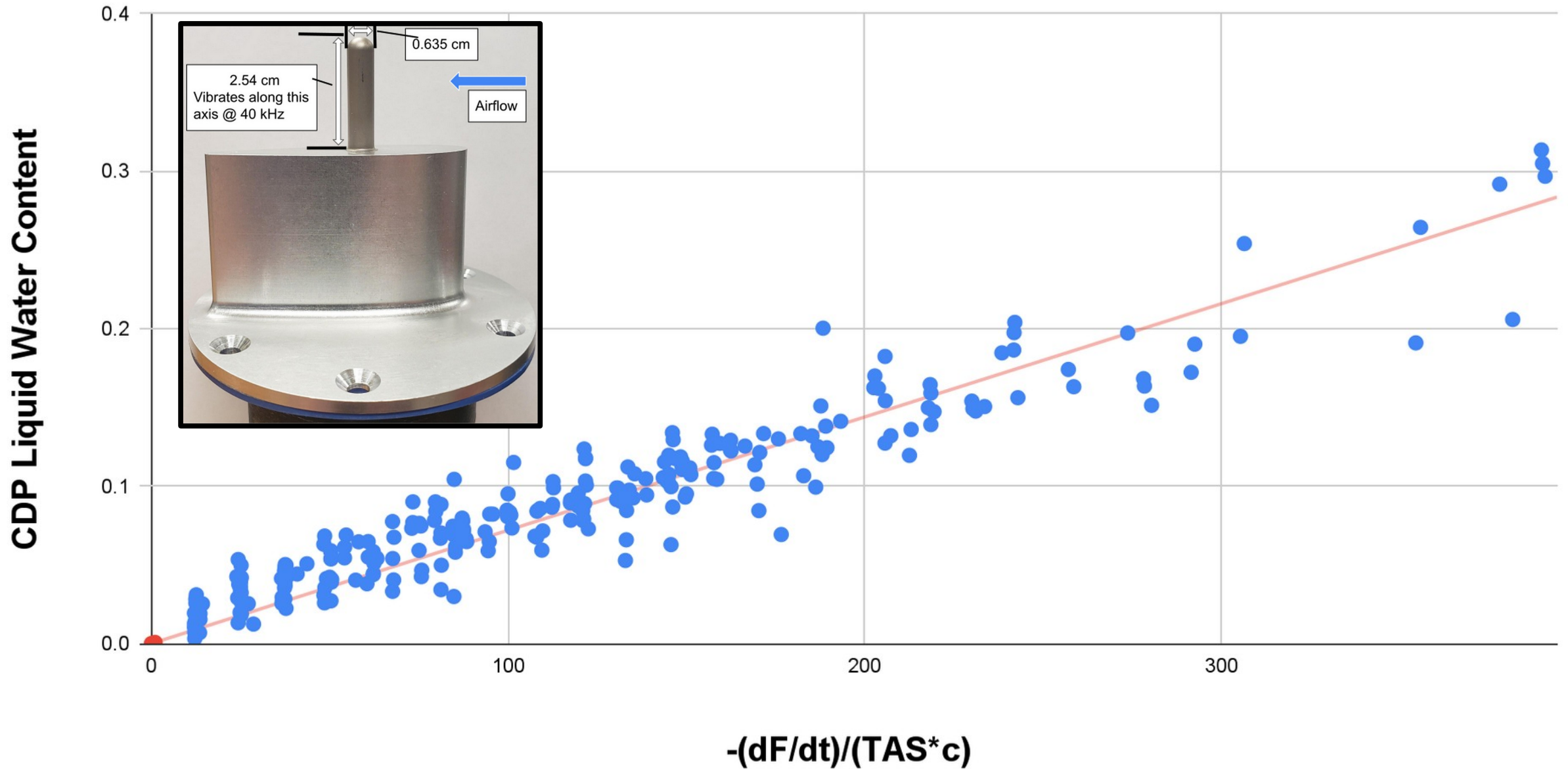
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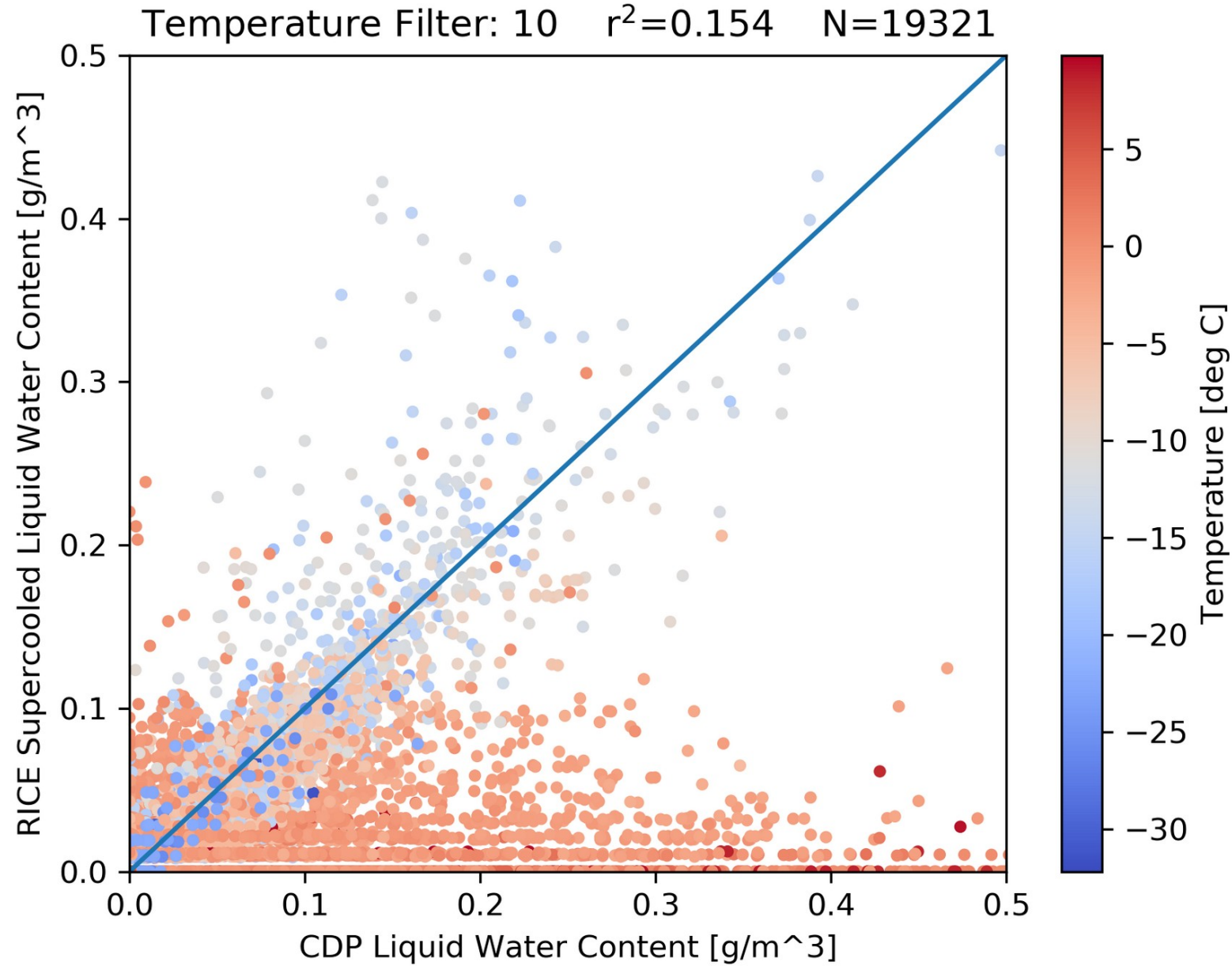
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Rosemount Icing (RICE) Detector During IMPACTS 2020



Rosemount Icing (RICE) Detector During IMPACTS 2020



Conclusions

- **The FCDP has higher number of droplets and larger sized droplets than the CDP.**
- **The RICE Probe derived SLWC product is a valid product when operating at temperatures colder than -3 °C and with a pitch angle less than 3°.**

