



## ACTIVATE 2021 Data Workshop

October 20-21, 2021

The purpose of this meeting is to introduce the ACTIVATE project to the larger atmospheric sciences and applications community. We will provide an overview of the project, data details, and examine case flights. We will have discussion time with interested participants to enhance collaboration. All times below in EDT.

### Wednesday, 20 October 2021

- 9:00-9:10 What is ACTIVATE all about? – Sorooshian
- 9:10-9:15 Where can I access data? – DAAC/ASDC
- 9:15-9:35 What data are there? What are ICARTT files and what is in them? What are Merge Products/Tools? – Chen/Shook
- 9:35-9:50 Discussion
- 9:50-10:20 Case Study: 29 February 2020 (Research Flight 12 = Statistical Survey Flight)
- Forecasting details leading to flight plan decision
  - Steps the day of the flight (from pre-flight weather meeting to post-flight briefing and instrument checks)
  - Detailing the flight path
  - Data results
- 10:20-11:00\* Discussion (e.g., how would you use the data? what questions do you have about the data? are you interested in collaborating around a topic?)
- \*Discussion will continue on Day 2 at greater length to allow the day's materials to soak in to generate more topics to discuss

### Thursday, 21 October 2021

- 9:00-9:45 Case Study: 1 March 2020 (Research Flights 13-14 = Process Study flights)
- Forecasting details leading to flight plan decision
  - Steps the day of the flight (from pre-flight weather meeting to post-flight briefing and instrument checks)
  - Detailing the flight path
  - Data results
- 9:45-11:00 Discussion (including feedback for next year's workshop)