Flight Scientist Report Wednesday 09/30/2020 ACTIVATE RF40

Flight Type: Statistical Surve Flight: Zibut to the north Flight Route: KLFI ATLIC ZIBUT 3656N07125W ZIBUT ATLIC KLFI

Special Notes:

This flight was designed to work an area just upwind of a strong cold front moving to the east. The flight track (ZIBUT to north) essentially paralleled the west edge of the front and we took off at noon to allow the front to advance farther east so we could work north of ZIBUT.

Flight revealed the usual dry conditions aloft in a post-frontal situation

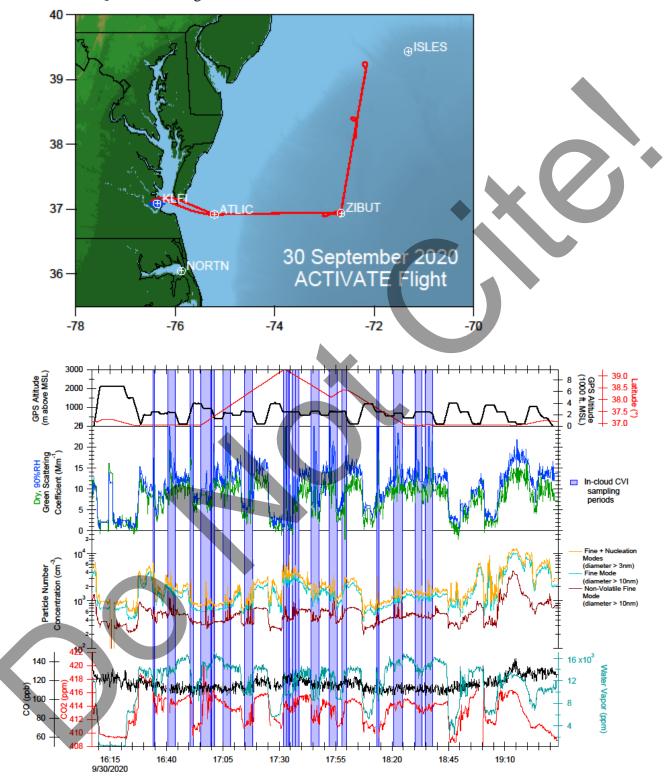
<u>King Air</u>

Flight went well. 5 dropsondes

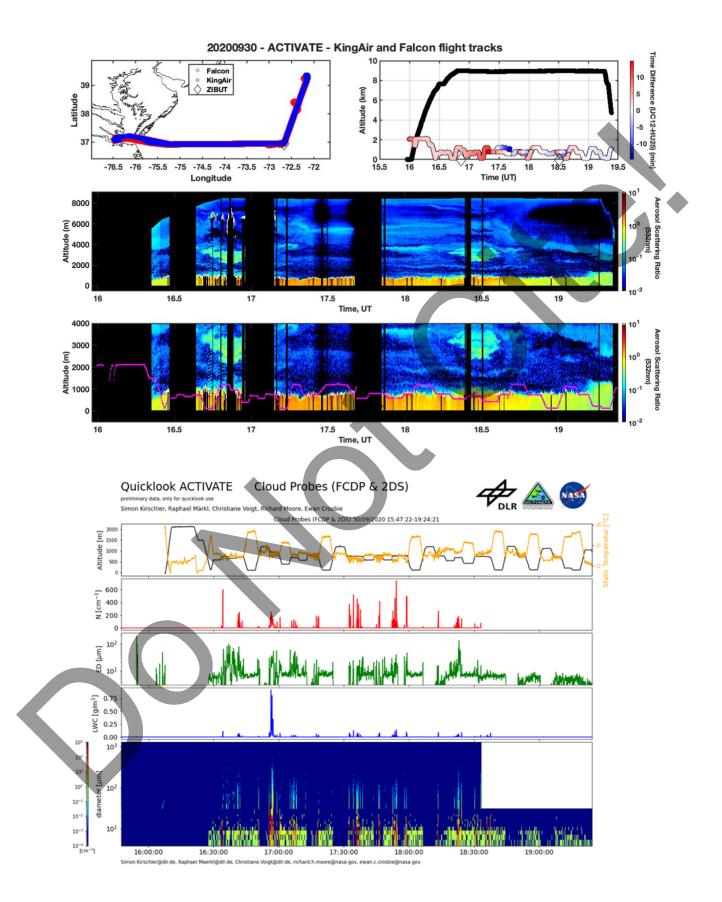
Falcon

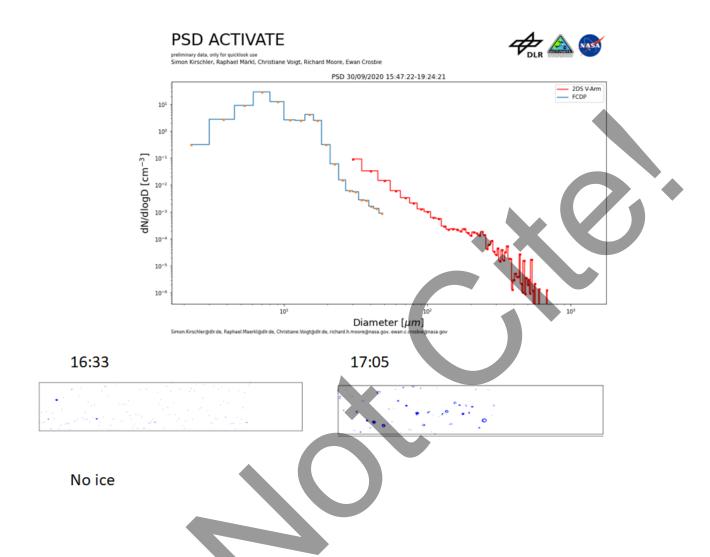
Gradients in N_d today.
Rough seas to north; quite a bit of turbulence.
2DS issue from last flight resolved.
Some pockets of clear and cloudy air, but mainly cloudy.

Rich Moore Quicklook Images:



UTC Date and Time





NASA-LaRC Clouds Group GOES-16 Quicklook Images for Flight 40, 1801 UTC Sep 30, 2020



Visible Image

