Flight Scientist Report
Friday 03/08/2020 ACTIVATE RF18

Flight Type: Statistical Survey Flight – Clouds
Flight Route: OXANA – southeast point
Special Notes: followed same path as morning flight. Forecasting data suggested it would be clear in afternoon but there were still clouds along the flight track. The clouds were sparse along the flight track but the execution of the profiles went very well.

**King Air**
- Decent flight except RSP was unavailable

Instruments:
RSP down

**Falcon**
- 3 cloudy ensembles and 1 clear one at the end.

Instruments:
Fine
NASA-LaRC Clouds Group GOES-16 Quicklook Images for Flight 18, 20:21 UTC Mar 08, 2020
(near middle of flight)

Visible Image

Cloud Phase
Cloud Liquid Water Path (gm-2)

Cloud Droplet Number Concentration (cm-3)