Arctic Boreal Vulnerability Experiment (ABoVE)
2019 ABoVE Airborne Flights

6 July 2019 (DOY 187)
AVIRIS-NG: Ivotuk – Barrow – Atqasuk

Charles Miller, Deputy Science Lead
Jet Propulsion Laboratory, California Institute of Technology
and the ABoVE Science Team

For Hank Margolis, Mike Falkowski, Bruce Tagg, Jack Kaye
NASA HQ
2019
Daily Status:

- **AVIRIS-NG / Dynamic Aviation B-200 (N53W)**
- **REPORT DATE:** 6 July 2019
- **Current Status of Aircraft:** GREEN
- **Current Status of AVIRIS:** GREEN
- **Current Deployment Location:** Fairbanks AK (PAFA)
- **Crew:** S Wilson (PIC), C McCann, M Eastwood, L Rios
- **Science Planning:** A Thorpe
- **Data Processing:** W Olsen-Duvall
- **Instrument Manager:** M Eastwood
- **Instrument PI:** R Green
- **Science Lead:** C Miller
Daily Summary:

- Mostly clear with some high cirrus
- Coastal fog and low clouds absent
- NEON AOP also operating at Barrow today
6 July 2019/DOY 187
Ivotuk – Barrow – Atqasuk
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Ivotuk – Barrow – Atqasuk

Barrow - Atqasuk Area
Planned Flight Lines

Barrow - Atqasuk Area
As-Flown Lines
AVIRIS-NG Quick-look products
https://avirisng.jpl.nasa.gov/cgi/flights.cgi?step=view_flightlog&flight_id=ang20180721t
A. Line 325A-D, FL183, Run ID 183446: Chalkyitsik – Porcupine River
B. Line 325A-D, FL183, Run ID 201426: Chalkyitsik – Porcupine River - reverse

Update

A. A bit of fogging on lower edge of image
B. Popcorn clouds and orthorectification glitch near left edge
Backup
FAA Camera Locations
6 July 2019/DOY 187
Ivotuk – Barrow – Atqasuk

Barrow – 1330 AKDT/2130 UTC

Northeast
East
Southwest
South
6 July 2019/DOY 187
Ivotuk – Barrow – Atqasuk

East

Southeast

Southwest

South