



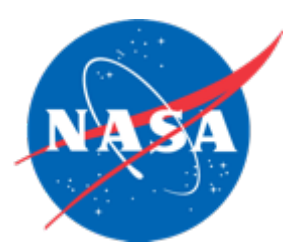
# Arctic Boreal Vulnerability Experiment (ABOVE) 2023 ABOVE Airborne Flights

**17 July 2023 (DOY 198)**

**Selawik, Kotzebue, and the Seward Peninsula**

**Charles Miller, JPL, ABOVE Deputy Science Lead  
Peter Griffith, GSFC, ABOVE Project Manager**

**For Hank Margolis, Mike Falkowski, Bruce Tagg, Jack Kaye  
NASA HQ  
2023**



# 17 July 2023 (DOY 198)

## Selawik, Kotzebue, and the Seward Peninsula



### Daily Status:

- **AVIRIS-3 / Dynamic Aviation B-200 (N53W)**
- REPORT DATE: 17 July 2023
- Current Status of Aircraft: **GREEN**
- Current Status of AVIRIS: **GREEN**
- Current Deployment Location: Fairbanks AK (PAFA)
- Flight Crew: Kait King (Pilot), Robin Larsen (Pilot), Luis Rios (AVIRIS Operator), Mike Eastwood (AVIRIS Lead)
- Science Planning: R Pavlick, P Griffith
- Data Processing: J Chapman
- AVIRIS Lead: M Eastwood
- AVIRIS PI: R Green
- Science Lead: C Miller





# 17 July 2023 (DOY 198)

## Selawik, Kotzebue, and the Seward Peninsula



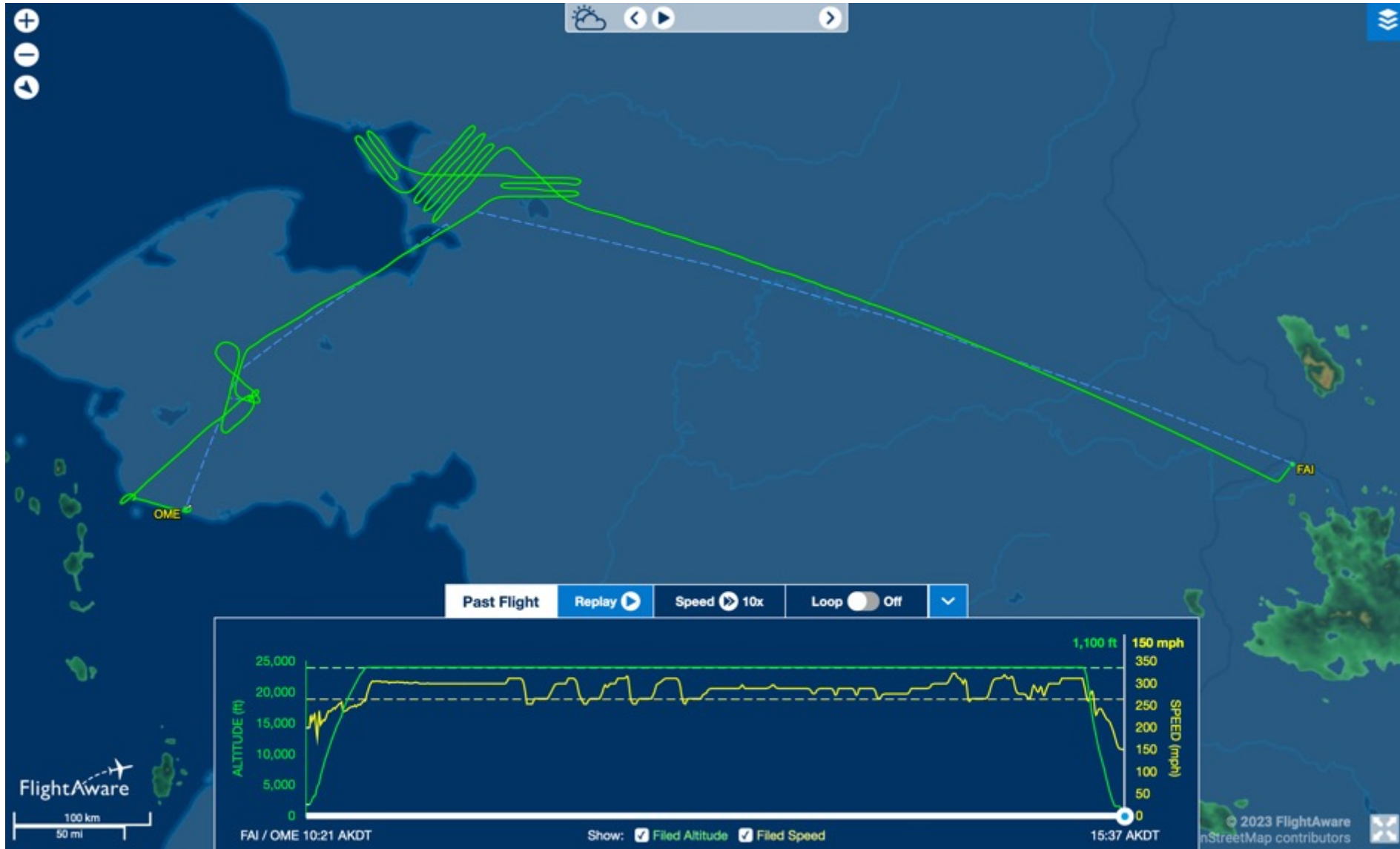
### Daily Summary:

- Departed Fairbanks 1030
- Gas & Go Nome 1530
- Return to base Fairbanks, landed 1900
- 7.5 Flight Hours
- A rare clear day on the Seward Peninsula
- Clear skies over Selawik and Kotzebue
- Repeat of the NGEE-Arctic lines on the SewPen





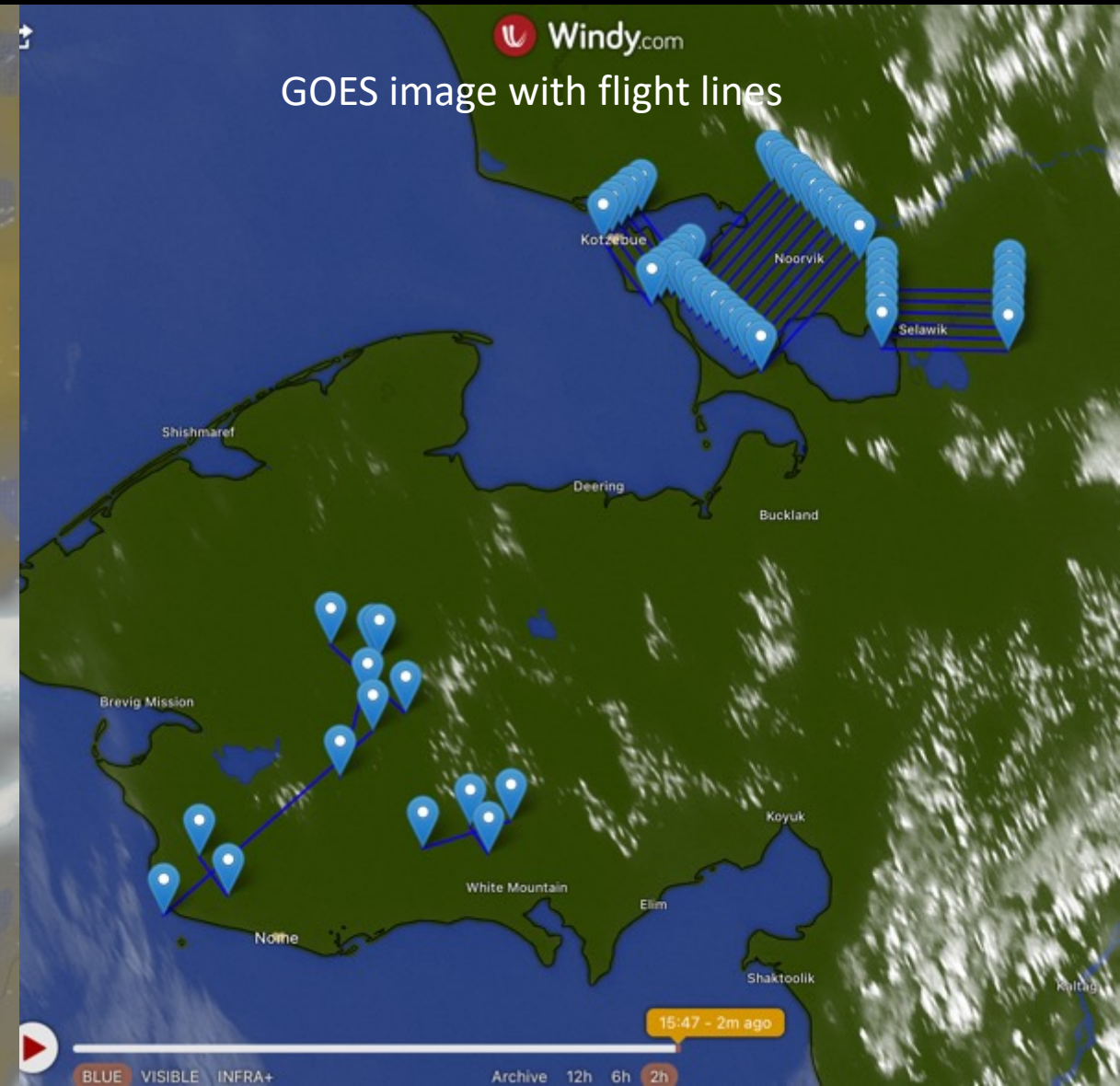
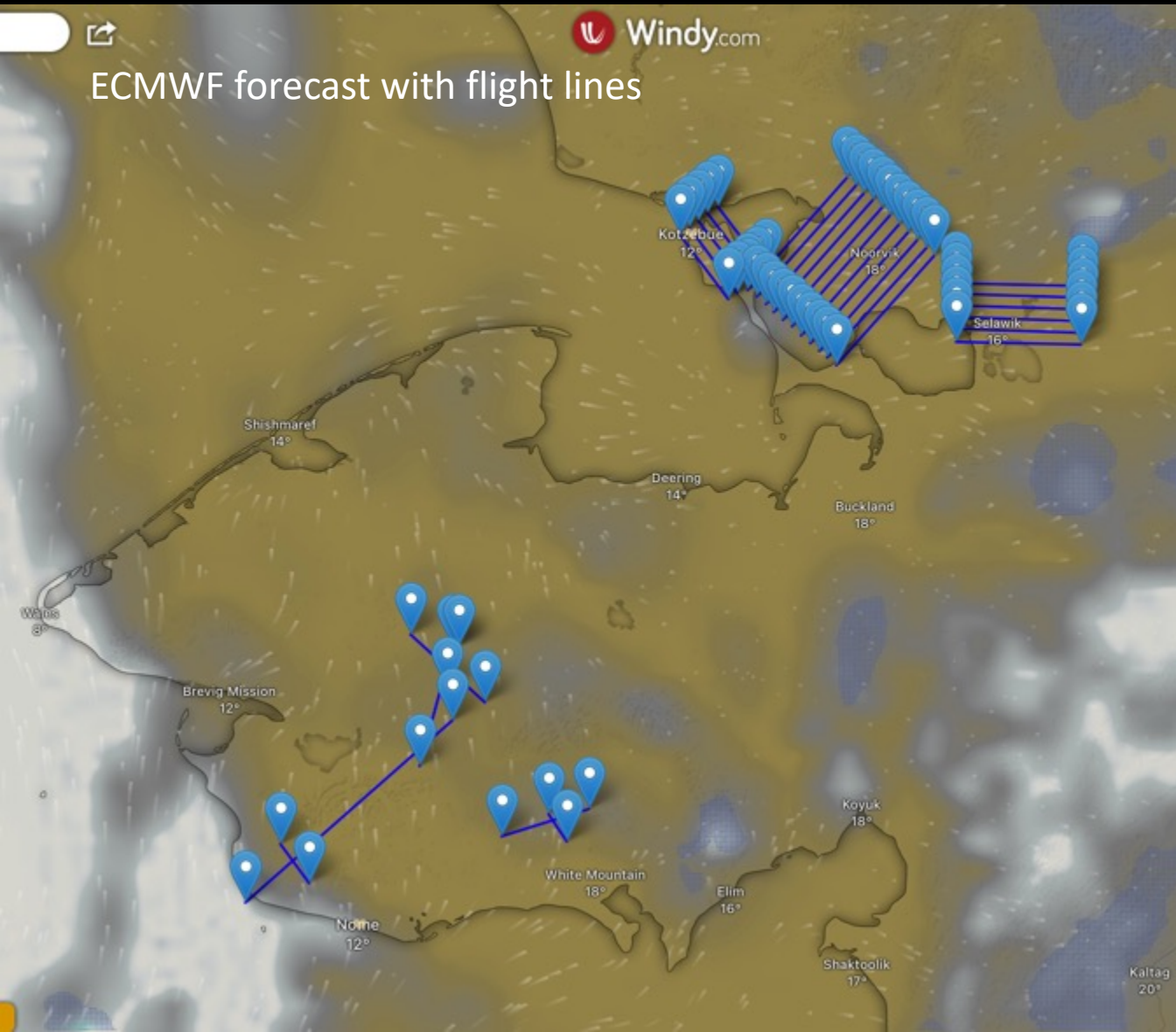
# 17 July 2023 (DOY 198) Selawik, Kotzebue, and the Seward Peninsula





# 17 July 2023 (DOY 198)

## Selawik, Kotzebue, and the Seward Peninsula





# 17 July 2023 (DOY 198) Selawik, Kotzebue, and the Seward Peninsula



Selawik (PASK) UTC:21:41 Local:13:41

METAR PASK 172122Z AUTO 23008KT 10SM SCT014 16/12 A2994 RMK AO2

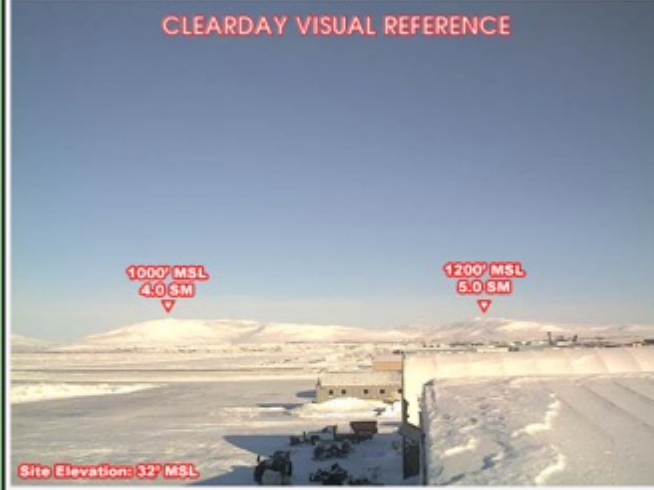


Show Camera Loop

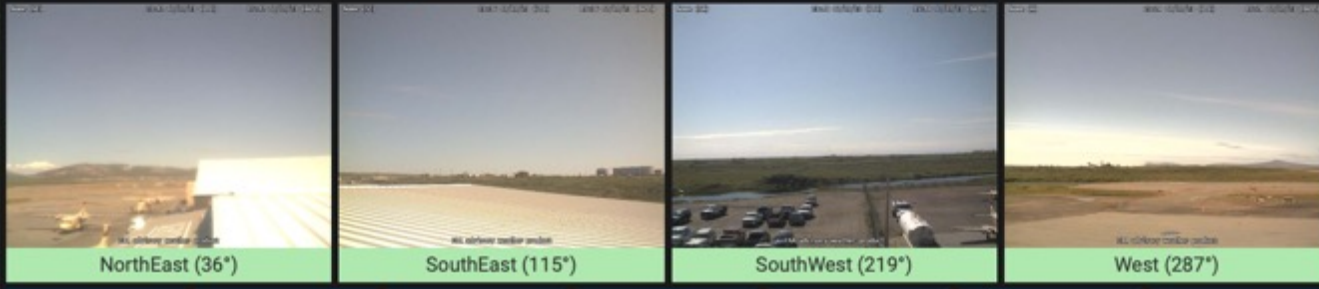


Nome (PAOM) UTC:23:46 Local:15:46

METAR PAOM 172253Z 18008KT 10SM CLR 13/09 A2994 RMK AO2 SLP138 T01330094



Show Camera Loop

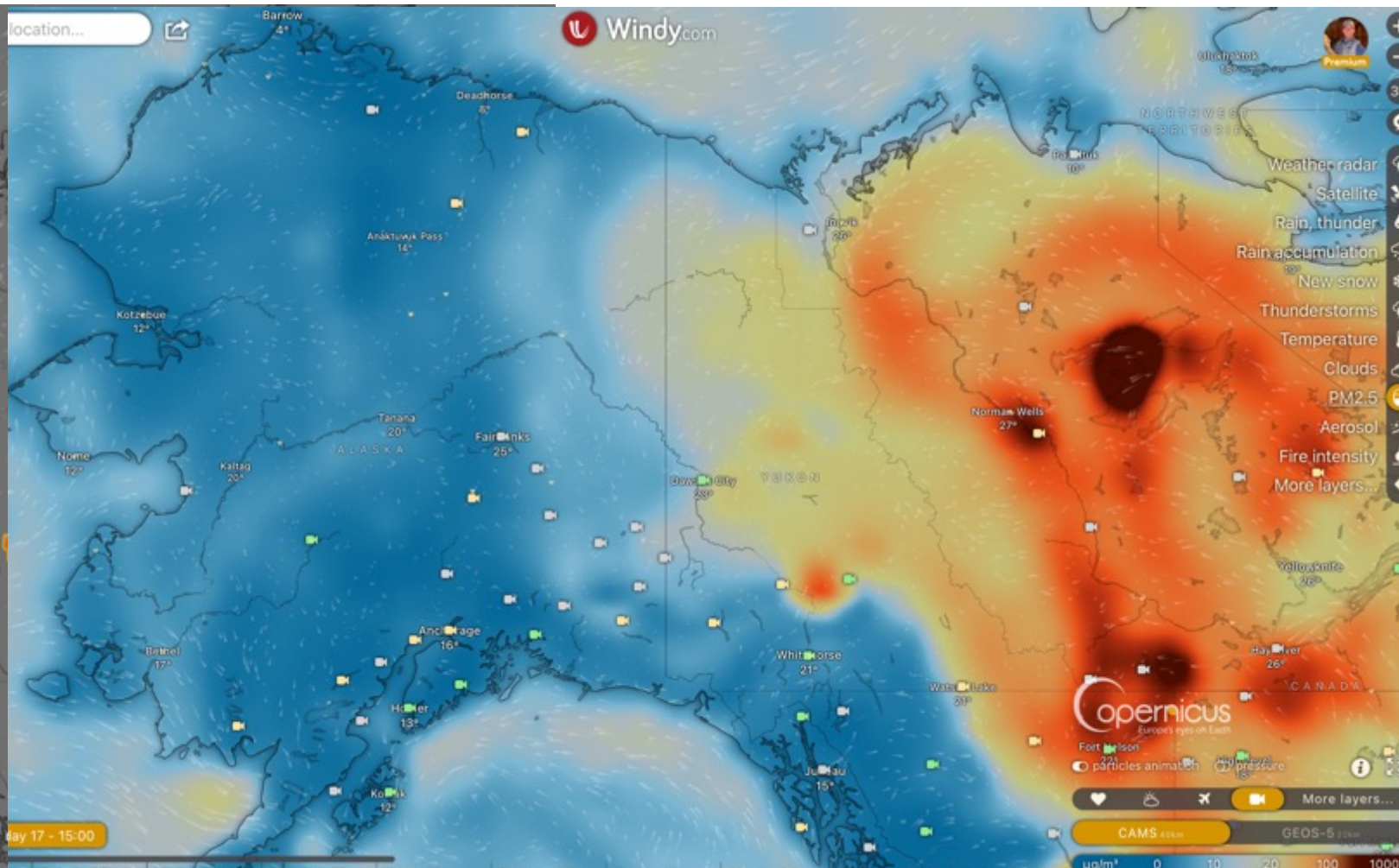
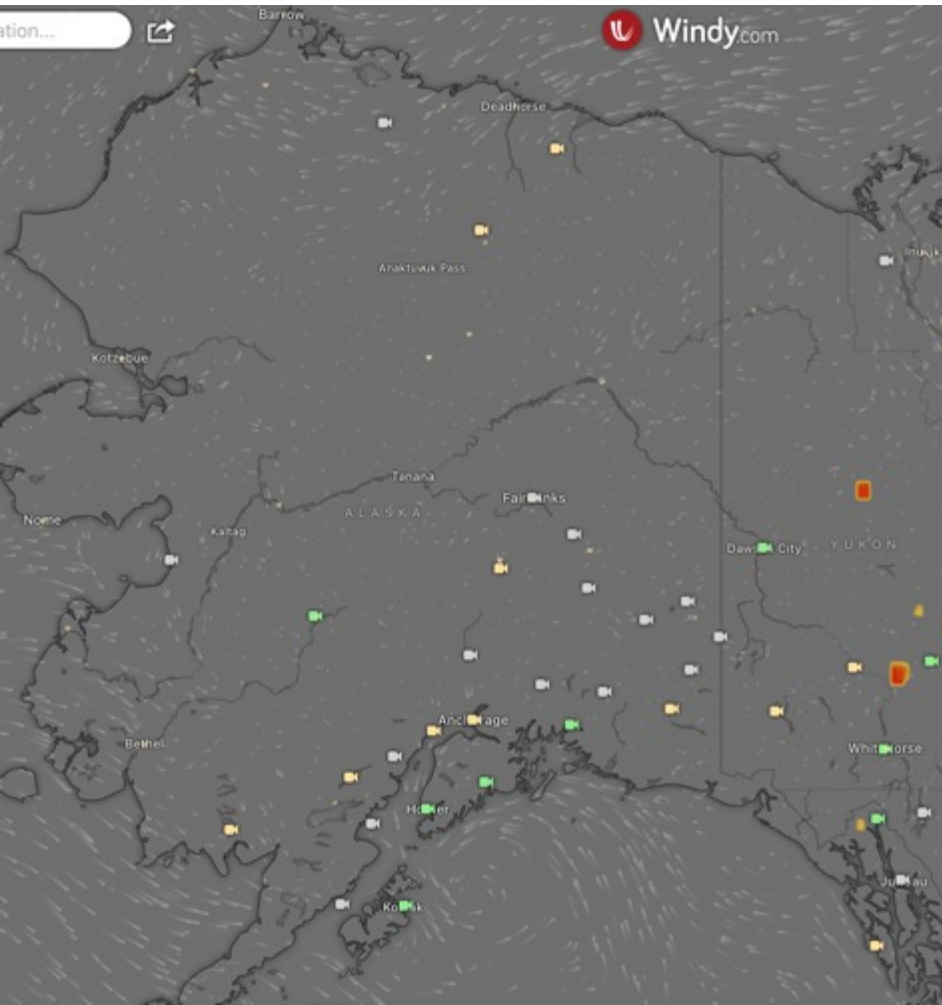




# 17 July 2023 (DOY 198) Selawik, Kotzebue, and the Seward Peninsula



Active Fires (left) and PM 2.5 (right)





16 July 2023 (DOY 197)  
Whitehorse & Kluane Lake, Yukon, Canada



Quicklooks coming soon