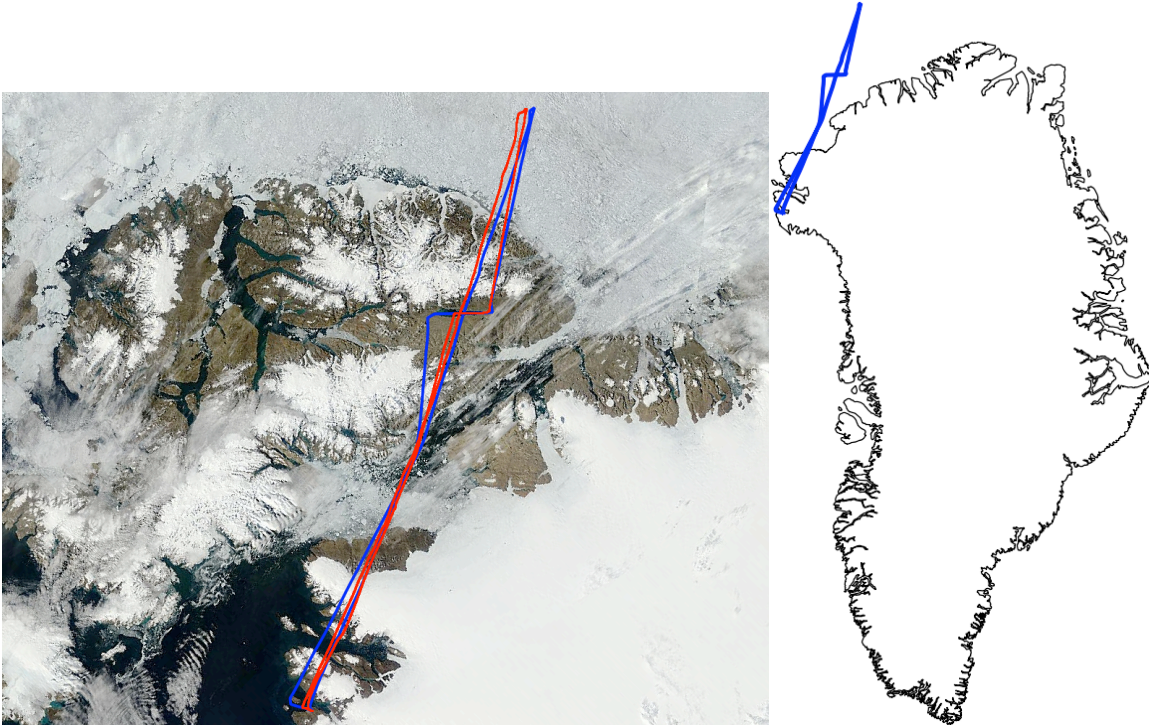


08/10/2015

**Mission: SIMPL & AVIRIS-NG COORDINATED 'Sea Ice 2'**



Red track: LaRC UC-12B; Blue track: Dynamic Aviation C-12

Weather: low ground fog that may have compromised SIMPL surface return; Lake Hazen had melted out

Instruments: SIMPL, AVIRIS-NG; Applanix, ASDs, nadir camera: cameras filled the disk; camera saturated over sea ice up north; camera imagery also suggests that either the camera lens or the port glass was fogged after coming low to sample (14:10 to 14:25; most obvious that it is on the glass during 14:20)

Day flight

Dynamic Aviation C-12 (4.7 hours)

Requested AVIRIS-NG sample altitude: 25,000 ft AGL

NASA Langley UC-12B (4.7 hours)

Requested SIMPL sample altitude: **6,500 ft AGL over sea ice;**  
**7,500 ft AGL over water (including Lake Hazen)**

SIMPL points of interest:

Time (UTC)	Description
11:30	Applanix on
14:09	P/R maneuver at 6,500 ft AGL
16:45	Applanix off