



July 7, 2018 Payload 2 Daily Flight Report



Date: 2018-07-07

Flight Campaign ID: 2018_P2C1

Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK

Domain: 18

Sites Flown: TOOL (Toolik)

Days left in Domain: 18

Report Author: Ivana Vu

Flight Crew: Ivana Vu, Michael Wussow

Ground/GPS: Abe Morrison

Pilots: Gian Carey, Hans Germann

Additional Personnel: None

GPS Instruments: 02 - FBO_PASC, U-AB45, U-TLK2

Flight Hours: 04:20

Hours until maintenance: 93.28

Summary

The weather allowed for initial coverage of 14 lines at TOOL today, all collected under red sky conditions.

Concerns

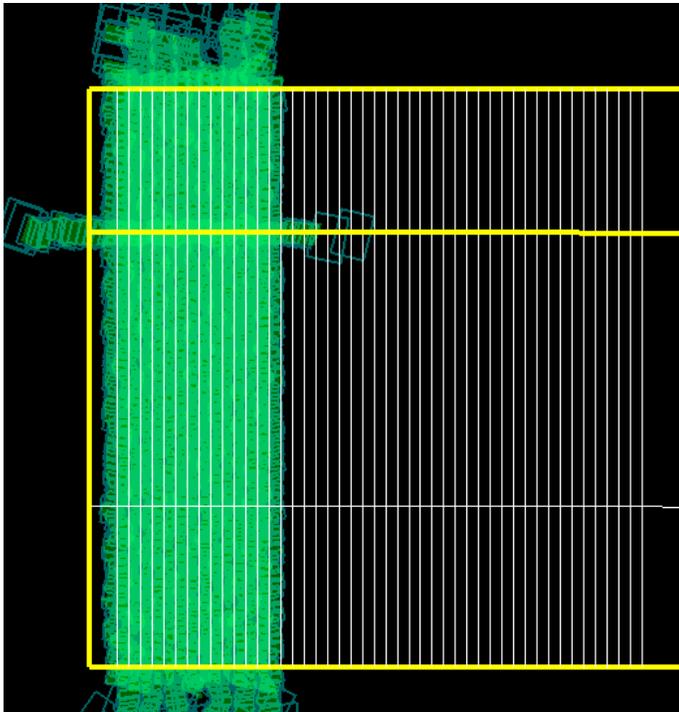
None

Comments

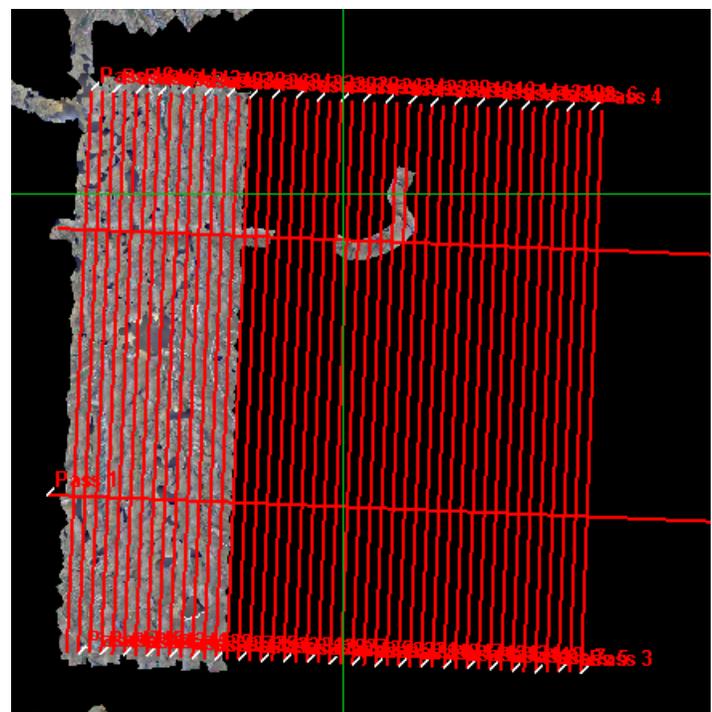
None

Flight Screenshots

Lidar



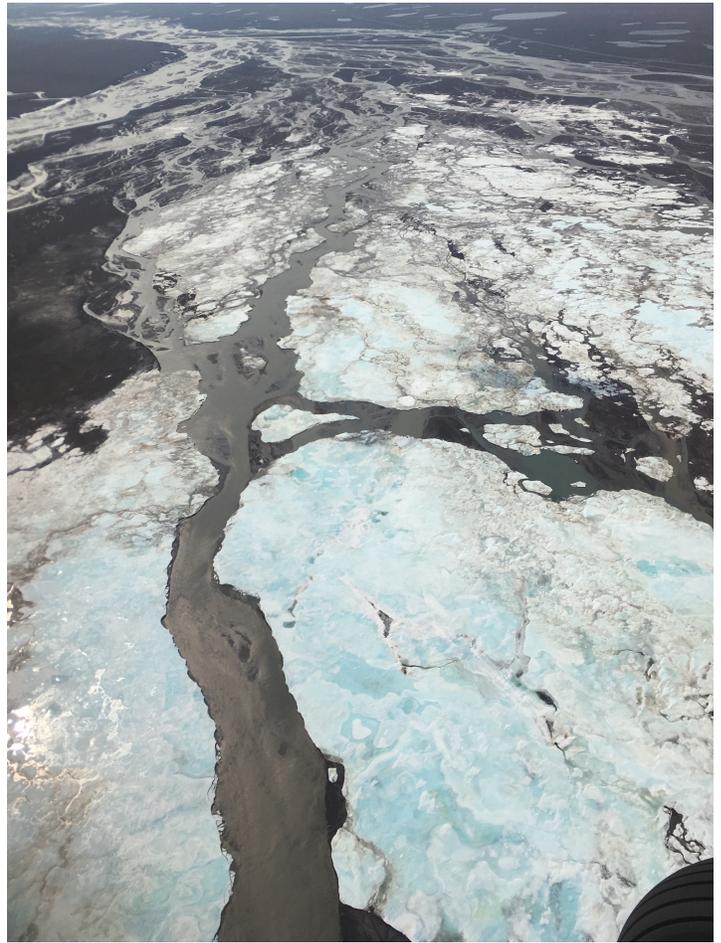
NIS



Pictures

Left: Tooklik Lake and Toolik Field Station (note significant haze and/or smoke at site)

Right: Sagavanirktok River



Daily Coverage

D18 TOOL	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	2				✓	✓	✓	NLC
	35				✓	✓	✓	NLC
	36				✓	✓	✓	NLC
	37				✓	✓	✓	NLC
	38				✓	✓	✓	NLC
	39				✓	✓	✓	NLC
	40				✓	✓	✓	NLC
	41				✓	✓	✓	NLC
	42				✓	✓	✓	NLC
	43				✓	✓	✓	NLC
	44				✓	✓	✓	NLC
	45				✓	✓	✓	NLC
	46				✓	✓	✓	NLC
	47				✓	✓	✓	NLC
	48				✓	✓	✓	NLC
Flown:	15							

Cumulative Domain Coverage

BARR_P1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35						

Flown: 0% (0/35)

Green: 0% (0/35)

Yellow: 0% (0/35)

Red: 0% (0/35)

BARR_P2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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Flown: 0% (0/15)

Green: 0% (0/15)

Yellow: 0% (0/15)

Red: 0% (0/15)

N18A

1																			
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Flown: 0% (0/1)

Green: 0% (0/1)

Yellow: 0% (0/1)

Red: 0% (0/1)

TOOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48												

Flown: 31% (15/48)

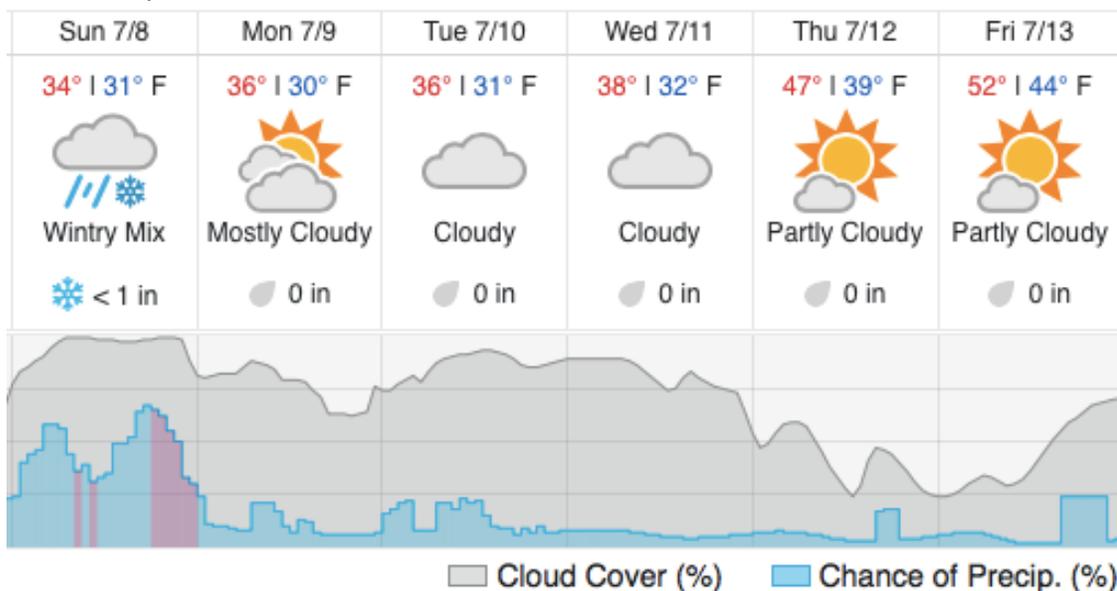
Green: 0% (0/48)

Yellow: 0% (0/48)

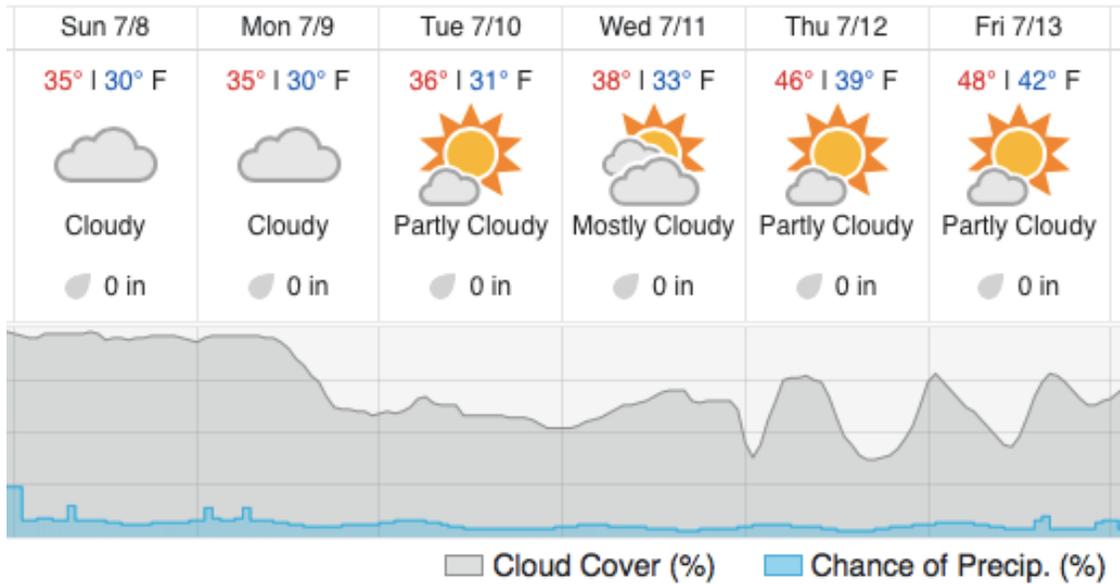
Red: 31% (15/48)

Weather Forecast

Prudhoe Bay, AK



Barrow, AK



Flight Collection Plan for 08 July 2018

Flyority 1:

Collection Area: Toolik (TOOL)

Flight Plan Name: D18_TOOL_C1_P1_v1.pln

On-station Time: 1840 UTC / 1040 L

Flyority 2:

Collection Area: Barrow Environmental Observatory – Priority 1 Flight Box (BARR_P1)

Flight Plan Name: D18_BARR_R1_P1_v3.pln

On-station Time: 1930 UTC / 1130 L

Flyority 3:

Collection Area: Barrow Environmental Observatory – Priority 2 Flight Box (BARR_P2)

Flight Plan Name: D18_BARR_R1_P2_v3.pln

On-station Time: 1930 UTC / 1130 L

Crew: Abe Morrison (Lidar), Ivana Vu (NIS), Mike Wussow (GPS/Ground)

Flight Collection Plan for 09 July 2018

Flyority 1: Same as previous day

Crew: Mike Wussow (Lidar), Abe Morrison (NIS), Ivana Vu (GPS/Ground)