



2017 P2C1 Daily Report



Flight Campaign ID: 2017_P2C1

FBO ID & City: Deadhorse (KSCC) - Deadhorse, AK

Domain: 18

Sites Flown: N18A

Days left in Domain: 16

Flight Hours: 00:50

Hours until maintenance: 117.88

Date: 2017-07-12

Report Author: Heather Rogers

Pilots: Kyler Dalton, Grant Frost

Flight Crew: Heather Rogers, John Adler, None

Ground/GPS: Michael Wussow

Additional Personnel: None

GPS Instruments:

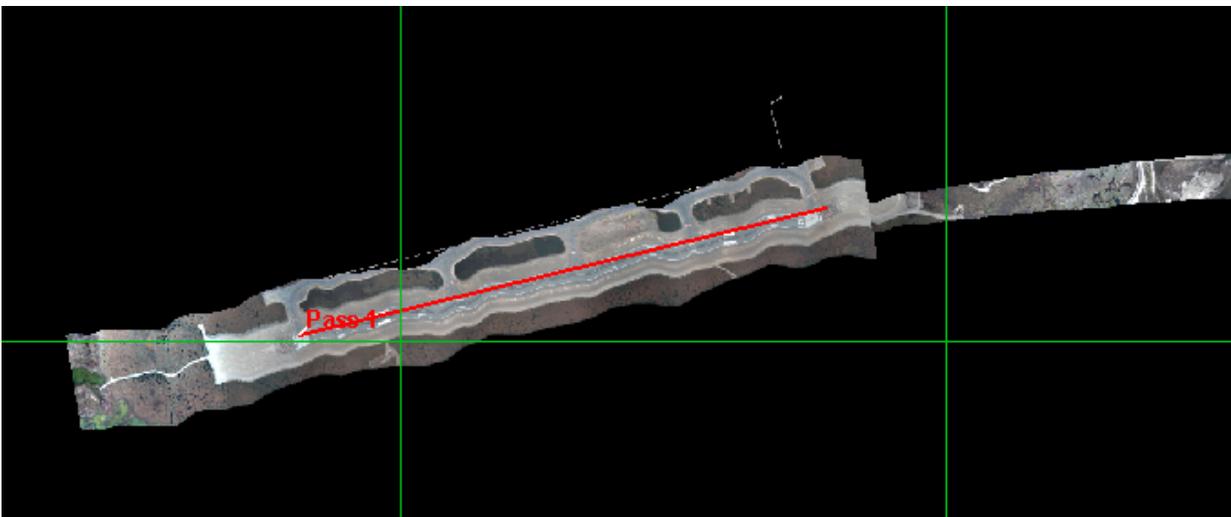
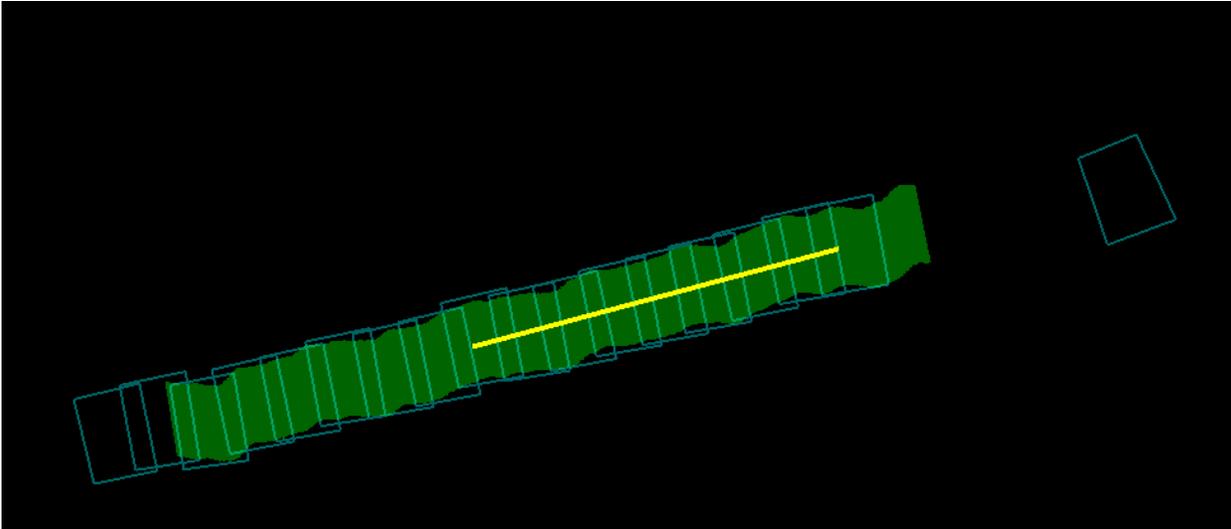
04 - PASC

Summary: Low clouds at Toolik Lake prevented flights today. The Hg Lamp Test and Nominal Runway calibration flight were completed. Weather outlook for tomorrow looks promising.

Issues/Concerns: None.

Comments: The transit time between Deadhorse and Barrow for our BARR site is 1 hour 20 minutes, leaving us approximately 1.5 hours of collection time each day in our sun angle window. To improve collection time, Mike Wussow has potentially found a GPU that we can use while refueling in Barrow instead of the transiting back to Deadhorse each time. Thanks Mike!

NIS/Lidar Screenshot



Domain Coverage

D18 N18A	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1							NLC
Completed:	(0/1)							NaN%

Pictures:



Above: The shadow of the Twin Otter over the landscape surrounding Deadhorse.

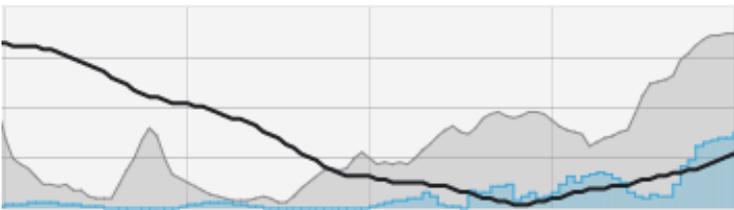
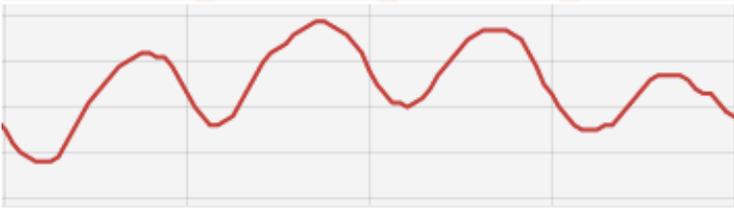
Below: And, a river runs through it.



Weather Forecast

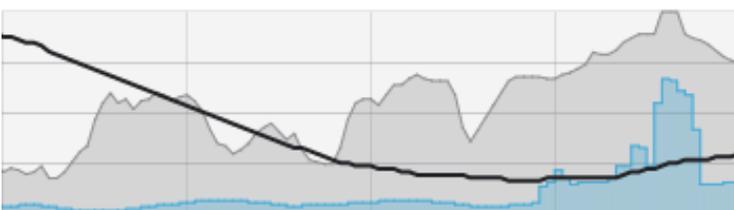
Umiat, AK

Thu 07/13	Fri 07/14	Sat 07/15	Sun 07/16
73° 55°	80° 59°	79° 54°	68° 53°
			
Clear	Clear	Partly Cloudy	Partly Cloudy
0 in	0 in	0 in	0.07 in



Barrow, AK

Thu 07/13	Fri 07/14	Sat 07/15	Sun 07/16
56° 42°	53° 40°	50° 40°	48° 43°
			
Partly Cloudy	Partly Cloudy	Partly Cloudy	Rain
0 in	0 in	0 in	0.15 in



Flight collection Plan for 13 and 14 July 2017:

Flyority 1

Collection Area: Toolik (TOOL)

Flight Plan Name: D18_TOOL_C1_P1_v1.pln

On Station: 1100 L / 1900 UTC

Flyority 2

Collection Area: Barrow Environmental Observatory (BARR)

Flight Plan Name: D18_BARR_R1_P1_v3.pln

On Station: 1150 L / 1950 UTC

Crew

Flight: John Adler, Heather Rogers

Ground/GPS: Michael Wusso