



2017 P2C1 Daily Report



Flight Campaign ID: 2017_P2C1

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

Domain: 18

Sites Flown: BARR

Days left in Domain: 1

Flight Hours: (05:04)(1:30)

Hours until maintenance: 84.10

Date: 2017-07-27

Report Author: Michael Wussow

Pilots: Grant Frost, Kyler Dalton

Flight Crew: Michael Wussow, Ivana Vu

Ground/GPS:

Additional Personnel:

GPS Instruments:

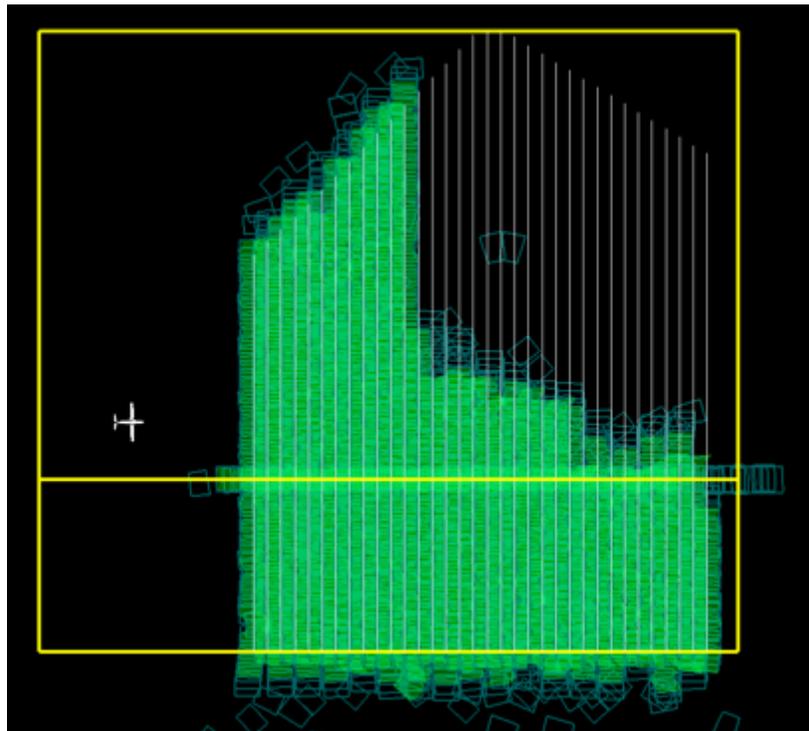
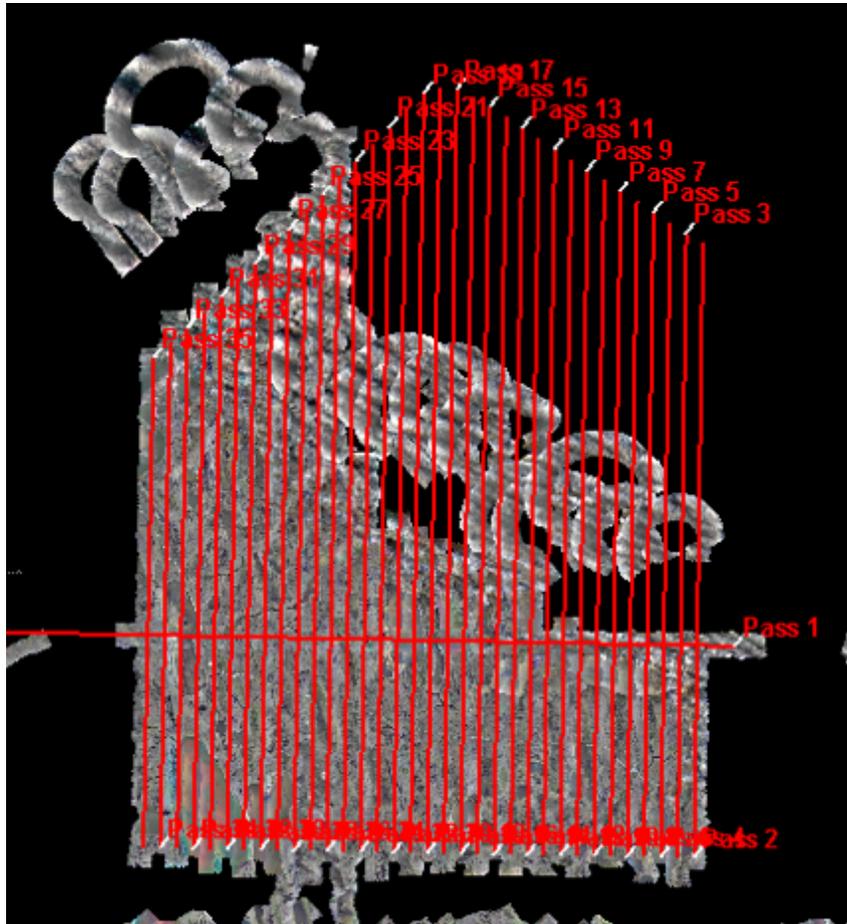
04 - PASC, CORS - BRW1

Summary: Lines at the priority 2 flight box in Barrow were finally collected. With IFR conditions in Deadhorse until 15:00L, takeoff was not possible until then. Collections started at 16:30L pushing collection beyond the end of the solar angle hour for the day. A very low cloud deck remained present over the ocean and the northern section of the survey area and thus for 20 out of 35 lines only the southern section was collected. However, this encompasses nearly all of the land in the survey box minus a spit in the northern section. See flight plan and screenshots for details. Also, we had a nice visit in Barrow with Craig Tweedie of UTEP and ABoVE and a group of colleagues and students at the plane. Thanks for the warm welcome to Barrow!

Issues/Concerns:

Comments: Payload Two will depart for Fairbanks on Saturday, Jul 29th and John Adler arrived there today.

NIS/Lidar Screenshot



Cumulative Domain Coverage:

TOOL: Lines 2-6 / 27-32 / 40-48 (Yellow)

Lines 7-26 / 33-39 (Red)

BARR: Line 2-35 (Yellow)* Only southern half collected lines 2-20

OKSR: Lines 2-5 (Yellow)

Lines 6-21 (Red)

Pictures:



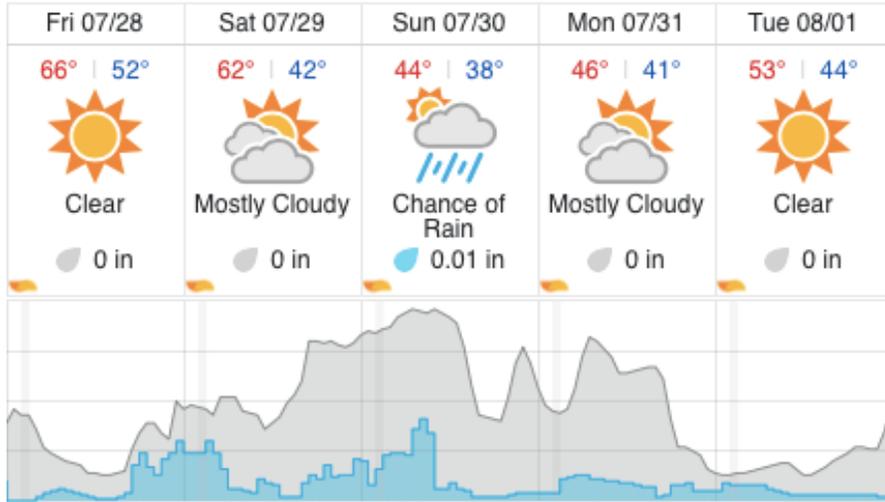
Group visit to the Otter in Barrow



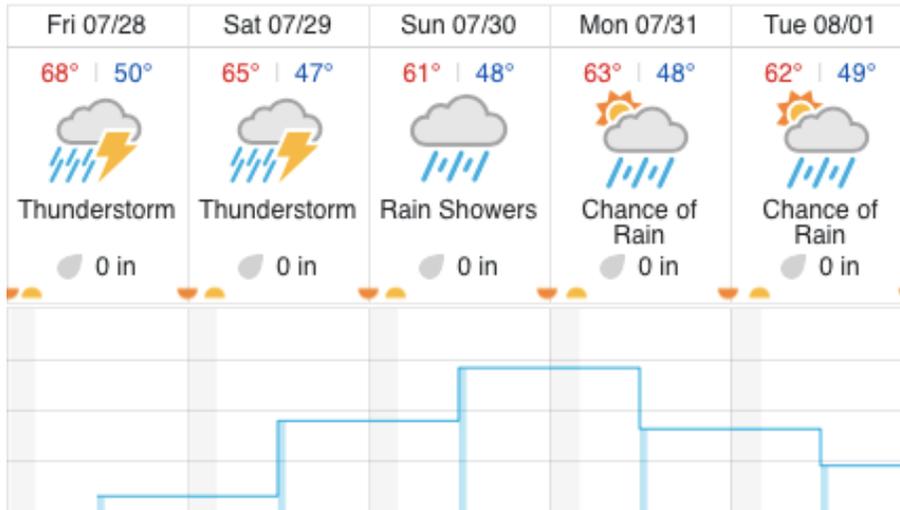
Low clouds over north end of survey area and the ocean

Weather Forecast

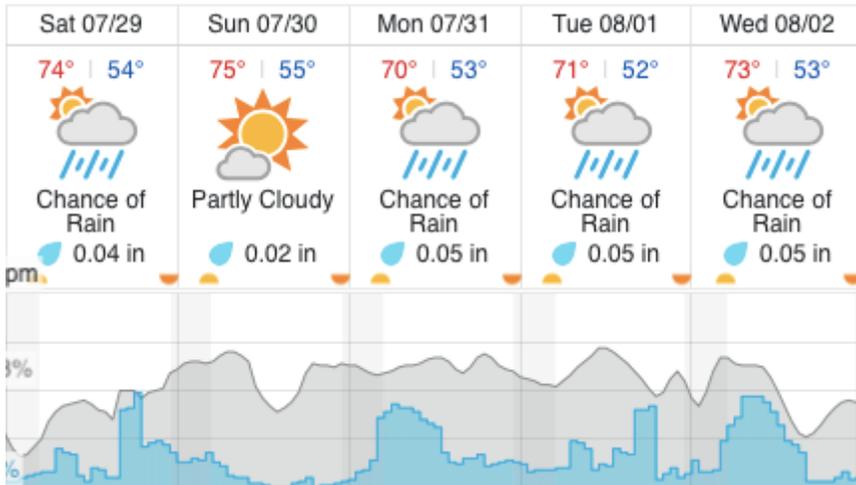
Barrow, AK



Galbraith Lake, AK



Fairbanks, AK



Flight Collection Plan for 28 July 2017:

Flyority 1: *If conditions are green –*

Collection Area: Toolik – Priority 1 Flight Box

Flight Plan Name: D18_TOOL_C1_P1_v1.pln

On Station: 1110L / 1910 UTC

Flyority 2:

Collection Area: Barrow Environmental Observatory – Priority 1 Flight Box

Flight Plan Name: D18_BARR_R1_P1_v3.pln

On Station: 1250L / 2050 UTC

Flyority 3: *If conditions are green –*

Collection Area: Oksrukuyik Creek

Flight Plan Name: D18_OKSR_A1_P1_v1.pln

On Station: 1110L / 1910 UTC

Flyority 4:

Collection Area: Barrow Environmental Observatory – Priority 2 Flight Box

Flight Plan Name: D18_BARR_R1_P 2_v3.pln

On Station: 1250L / 2050 UTC

Crew

Lidar: Ivana Vu

NIS: Michael Wussow

Flight Collection Plan for 29 July 2017:

Transit to Fairbanks

Crew: Ivana Vu

