



## August 11, 2019 Payload 2 Daily Flight Report



**Date:** 2019-08-11

**Flight Campaign ID:** 2019\_P2C1

**Airport, FBO ID, City:** Fairbanks International Airport (PAFA) - Fairbanks, AK

**Domain:** 19

**Sites Flown:** BONA (Caribou Creek and Poker Flats Watershed )

**Days left in Domain:** 9

**Report Author:** Robb Walker

**Flight Crew:** Robb Walker, Michael Wussow

**Ground/GPS:** Cameron Chapman

**Pilots:** Micah Hoogeveen, Paul Muth

**Additional Personnel:**

**GPS Instruments:** C-FAI1, U-PFR2

**Flight Hours:** 04:23, 01:00

**Hours until maintenance:** 36.12

### Summary

Weather Conditions finally improved enough to allow the Twin Otter to take to the skies, and complete initial coverage over BONA site today.

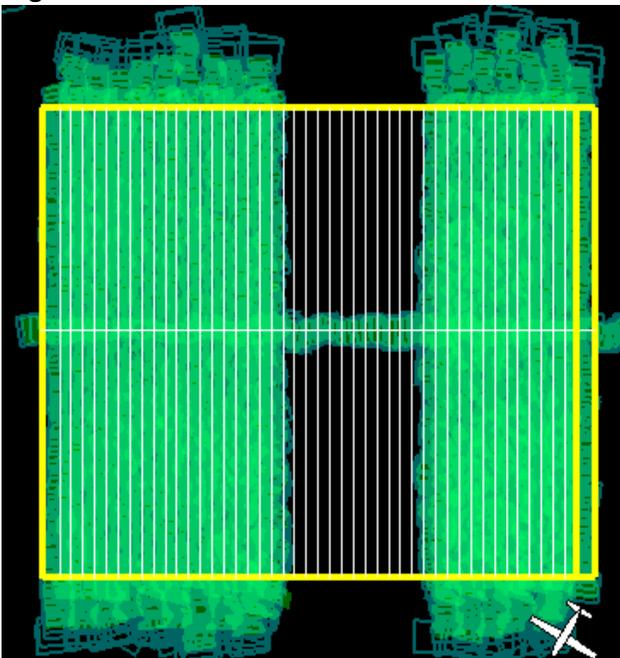
### Concerns

None

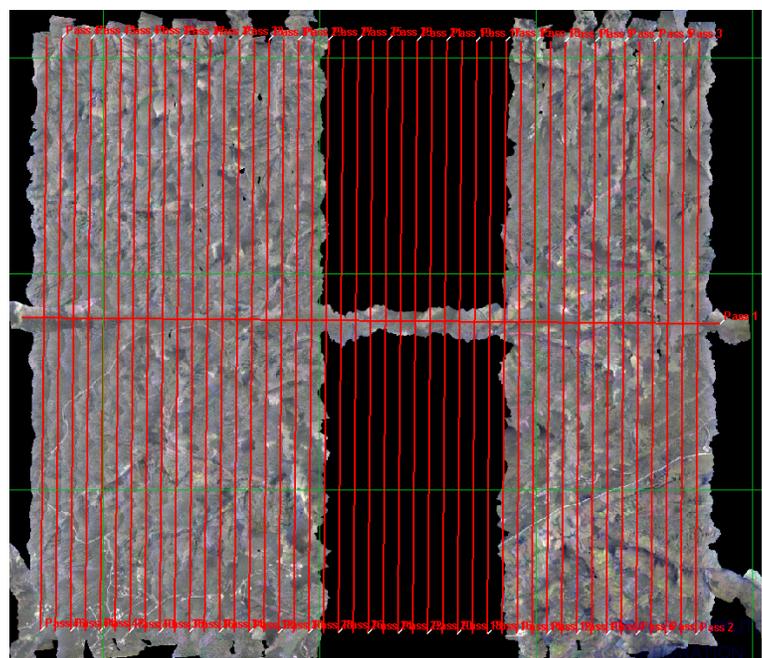
### Comments

Cameron Chapman departing late this evening for time off. Thanks Cam, safe travels!

### Flight Screenshots



BONA (Lidar)



BONA (NIS)

## Pictures



Cloudy skies over BONA

## Daily Coverage

D19 BONA	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	NLC
	6				✓	✓	✓	NLC
	7				✓	✓	✓	NLC
	8				✓	✓	✓	NLC
	9				✓	✓	✓	NLC
	10				✓	✓	✓	NLC
	11				✓	✓	✓	NLC
	12				✓	✓	✓	NLC
	13				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	28				✓	✓	✓	NLC

	29				✓	✓	✓	NLC
	30				✓	✓	✓	NLC
	31				✓	✓	✓	NLC
	32				✓	✓	✓	NLC
	33				✓	✓	✓	NLC
	34				✓	✓	✓	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
Flown:	33							

**Cumulative Domain Coverage**

**BONA**

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														

Flown: 100% (46/46)  
 Green: 0% (0/46)  
 Yellow: 0% (0/46)  
 Red: 102% (47/46)

**DEJU**

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								

Flown: 0% (0/32)  
 Green: 0% (0/32)  
 Yellow: 0% (0/32)  
 Red: 0% (0/32)

**HEAL**

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							

Flown: 70% (23/33)  
 Green: 0% (0/33)  
 Yellow: 0% (0/33)  
 Red: 70% (23/33)

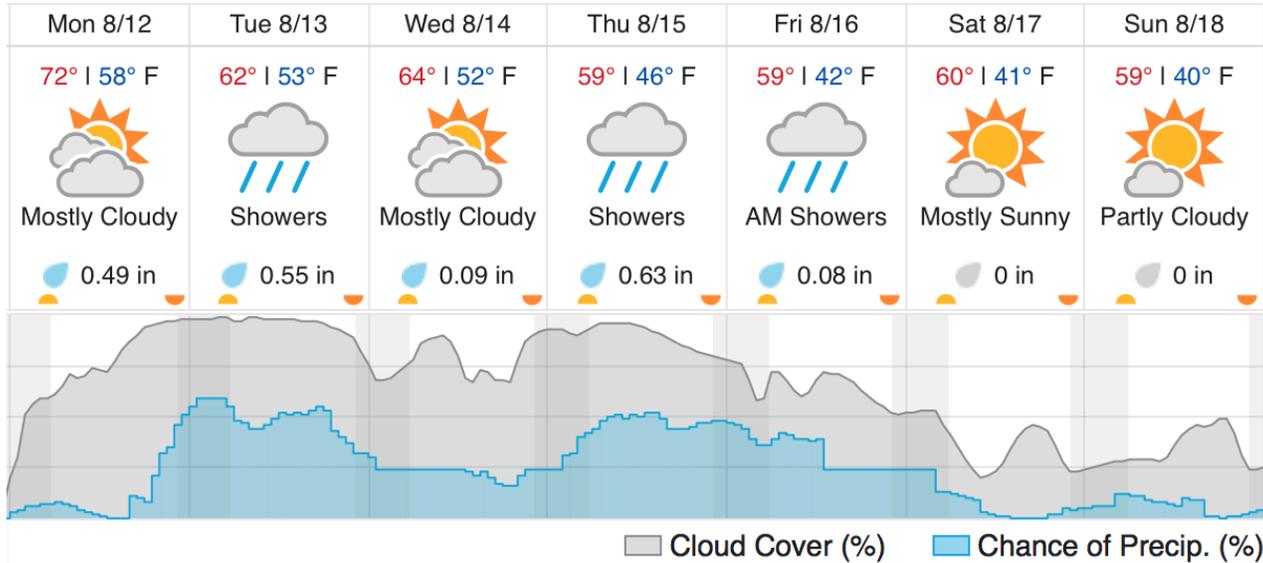
**N19A**

1
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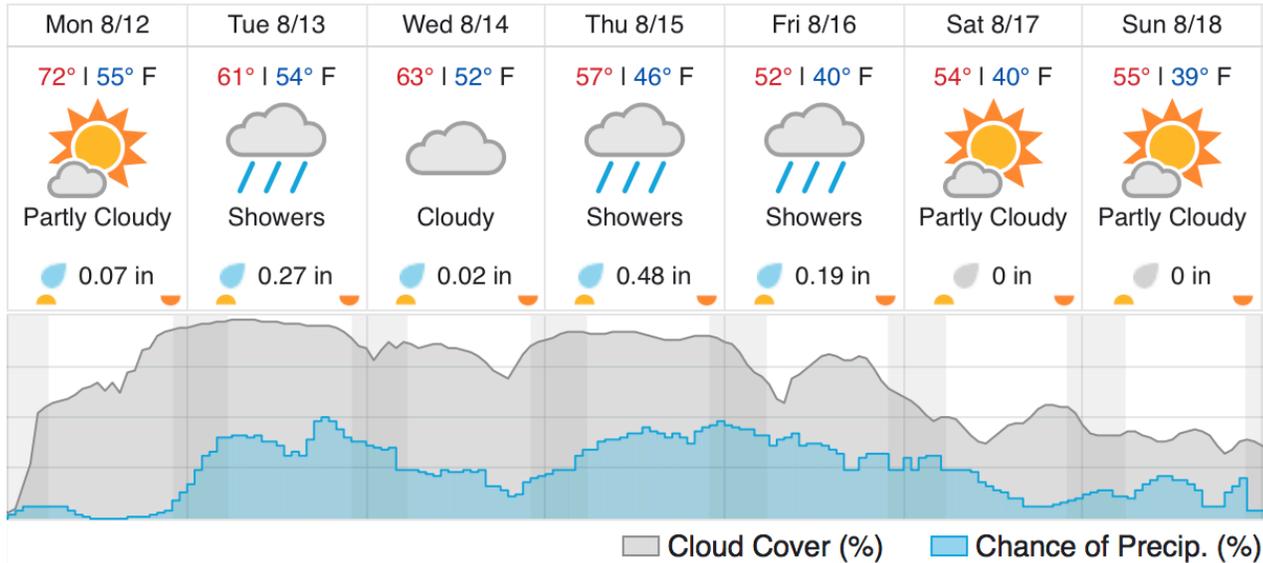
Flown: 0% (0/1)  
 Green: 0% (0/1)  
 Yellow: 0% (0/1)  
 Red: 0% (0/1)

## Weather Forecast

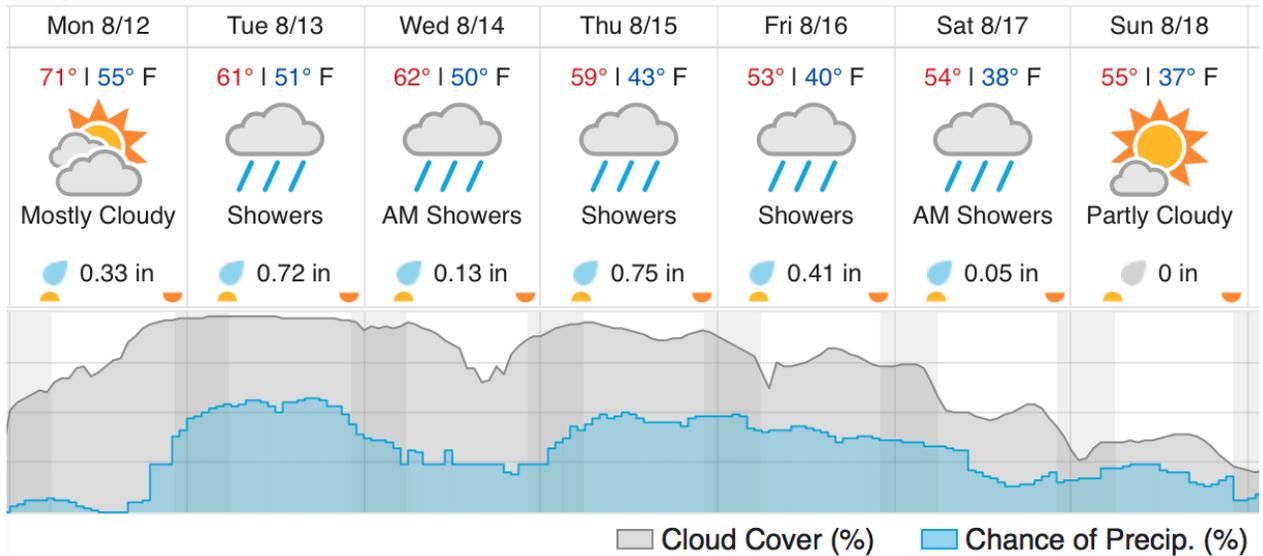
Fairbanks, AK



Delta Junction, AK



Healy, AK



### **Flight Collection Plan for 12 August 2019**

#### **Flyority 1:**

Collection Area: Caribou Creek-Poker Flats Watershed (BONA)

Flight Plan Name: D19\_BONA\_C1\_P1\_730max\_v2.pln

On-station Time: 19:21 UTC / 11:21 L (35deg solar angle)

#### **Flyority 2:**

Collection Area: Delta Junction (DEJU)

Flight Plan Name: D19\_DEJU\_R1\_P1\_730max\_v3.pln

On-station Time: 19:07 UTC / 11:07 L (35deg solar angle)

#### **Flyority 3:**

Collection Area: Healy (HEAL) 1-11

Flight Plan Name: D19\_HEAL\_R3\_P1\_730max\_v1.pln

On-station Time: 19:19 UTC / 11:19 L (35deg solar angle)

#### **Flyority 4:**

Collection Area: Nominal Runway – D19

Flight Plan Name: D19\_N19A\_Nominal\_Runway\_Test\_v1.pln

On-station time: N/A

**Crew:** Michael Wussow (Lidar), Robb Walker (NIS)

### **Flight Collection Plan for 13 August 2019**

**Flyority 1-4:** Same as previously briefed

**Crew:** Robb Walker (Lidar), Michael Wussow (NIS)