



July 27, 2019 Payload 2 Daily Flight Report



Date: 2019-07-27

Flight Campaign ID: 2019_P2C1

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

Domain: 19

Sites Flown: Transit

Days left in Domain: 24

Report Author: Abe Morrison

Flight Crew: Abe Morrison

Ground/GPS: Robb Walker

Pilots: Mark Solper, Stephen Brawdars

Additional Personnel:

GPS Instruments:

Flight Hours: 02:27

Hours until maintenance: 44.38

Summary

The crew departed Deadhorse this morning to transit back down to D19 Fairbanks. A very cloudy and mostly uneventful flight had them arriving to more clouds and possible thunder storms. The system was shut down briefly twice during the flight as the Otter went through some icing conditions. The system was turned back on in the hangar and was quickly making its way back into specs. The crew arrived at the Fairbanks airport at the same time as NASA's Gulfstream Jet flying the ABOVE missions. The crews exchanged tours of their respective aircraft and payloads. The Gulfstream is very nice, but it can't fly low and slow like our beloved Otter!

Concerns

None

Comments

--Pilot Stephen Brawdars departed today after the flight and was replaced by Wes Wyatt.

--The payload will be within specs and ready for collections flights by tomorrow morning.

Pictures



Cloudy arrival to Fairbanks AK. Photo by Abe Morrison



NEON crew in front of NASA's Gulfstream.

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: 0% (0/46)
 Green: 0% (0/46)
 Yellow: 0% (0/46)
 Red: 0% (0/46)

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)

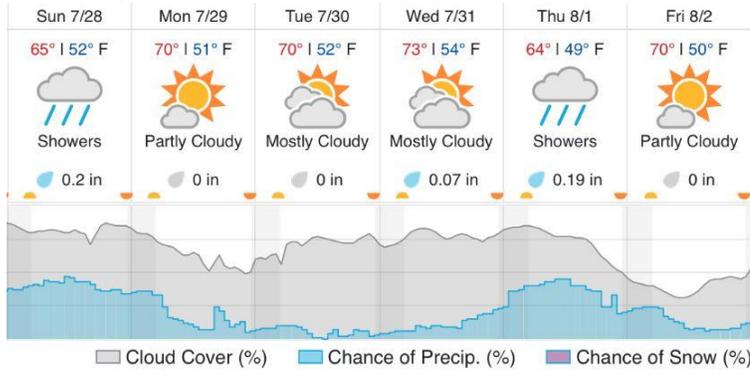
N19A

1																			
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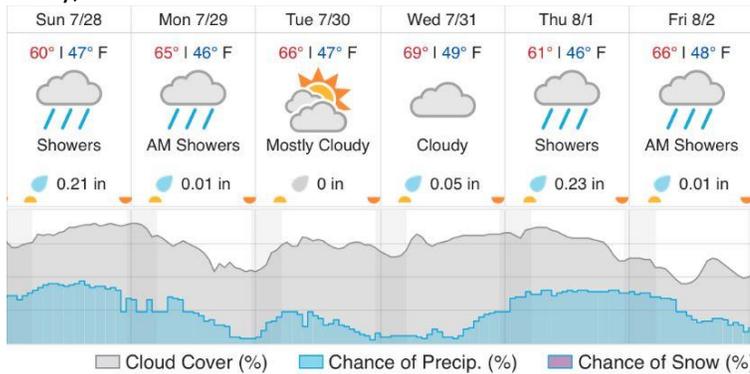
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 Red: 0% (0/1)

Weather Forecast

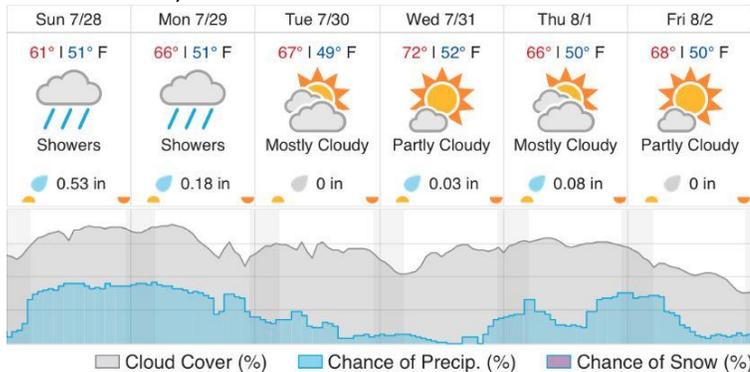
Fairbanks, AK



Healy, AK



Delta Junction, AK



Flight Collection Plan for 28 July 2019

Flyority 1:

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

Flight Plan Name: D19_BONA_C1_P1_730max_v2.pln

On-station Time: 18:53 UTC / 10:53 L (35deg solar angle)

Flyority 2:

Collection Area: Delta Junction (DEJU)

Flight Plan Name: D19_DEJU_R1_P1_730max_v3.pln

On-station Time: 18:41 UTC / 10:41 L (35deg solar angle)

Flyority 2:

Collection Area: Healy (HEAL) 1-11

Flight Plan Name: D19_HEAL_R3_P1_730max_v1.pln

On-station Time: 18:53 UTC / 10:53 L (35deg solar angle)

Crew: Robb Walker (Lidar), Abe Morrison (NIS)