



June 25, 2019 Payload 2 Daily Flight Report



Date: 2019-06-25

Flight Campaign ID: 2019_P2C1

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

Domain: 19

Sites Flown: None

Days left in Domain: 5 (1st Stint)

Report Author: Cameron Chapman

Flight Crew: Cameron Chapman, Mitch Haynes

Ground/GPS: n/a

Pilots: Stephen Brawdgers, Mark Solper

Additional Personnel:

GPS Instruments: n/a

Flight Hours: 00:00

Hours until maintenance: 82.15

Summary

The morning started promising with minimal clouds at either survey area however at the start of the solar angle, overcast skies mixed with low cumulus and a visible smoke layer dominated the sky. No flight was attempted.

Concerns

- An unexplained power outage at the FBO caused the payload to lose power for several hours. Despite this, the payload didn't drift far out of specification.
- The camera computer has a memory issue which is believed to be the cause of the recent / more frequent computer crashes. Andrew has the system log files and will investigate the issue further.

Comments

- Crew shipped essential items to Deadhorse in preparation for D18 operations.
- Crew conducted memory test on the camera computer and forwarded results to the AOP system admin.
- Crew dropped by the D18/19 domain office.

Cumulative Domain Coverage

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: 0% (0/33)
 Green: 0% (0/33)
 Yellow: 0% (0/33)
 Red: 0% (0/33)

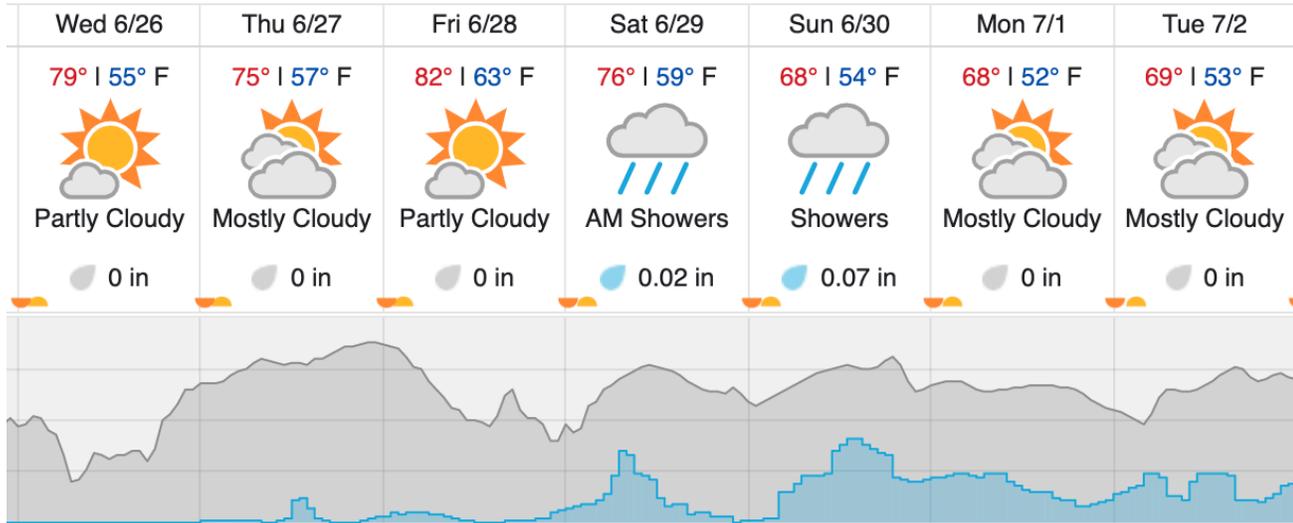
N19A

1

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

Weather Forecast

Fairbanks, AK



Flight Collection Plan for 26 June 2019

Flyority 1:

Collection Area: Delta Junction (DEJU)
Flight Plan Name: D19_DEJU_R1_P1_730max_v3.pln
On-station Time: 17:55 UTC / 09:55 L (35deg solar angle)

Flyority 2:

Collection Area: Healy (HEAL)
Flight Plan Name: D19_HEAL_R3_P1_730max_v1.pln
On-station Time: 18:08 UTC / 10:08 L (35deg solar angle)

Flyority 3:

Collection Area: Nominal Runway – D19
Flight Plan Name: D19_N19A_Nominal_Runway_Test_v1.pln
On-station time: n/a

Crew: Mitch Haynes (Lidar), Cameron Chapman (NIS)

Flight Collection Plan for 27 June 2019

Flyorities: Same as previous day.

Crew: Cameron Chapman (Lidar), (NIS) Mitch Haynes