



July 16, 2019 Payload 2 Daily Flight Report



Date: 2019-07-16
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK

Domain: 18
Sites Flown: None
Days left in Domain: 10

Report Author: Michael Wussow
Flight Crew: Michael Wussow
Ground/GPS: None
Pilots: Mark Solper, Stephen Brawdgers
GPS Instruments: None

Flight Hours: 00:00
Hours until maintenance: 55.15

Summary
Crew rotation day. No flights conducted.

Concerns
None

Comments
-Matt Devoe departed yesterday evening
-Robb Walker arrived this afternoon
-P2C1_RAID_15 was taken to Boulder and shipped today

Cumulative Domain Coverage

BARR_P1

| | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 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 | | | | | |

Flown: 100% (35/35)
Green: 0% (0/35)
Yellow: 100% (35/35)
Red: 0% (0/35)

BARR_P2

| | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

Flown: 127% (19/15)
Green: 0% (0/15)
Yellow: 127% (19/15)
Red: 0% (0/15)

BARR_P3

| | | | |
|----|----|----|----|
| 51 | 52 | 53 | 54 |
|----|----|----|----|

Flown: 100% (4/4)
Green: 0% (4/4)
Yellow: 100% (4/4)
Red: 0% (4/4)

N18A

| |
|---|
| 1 |
|---|

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

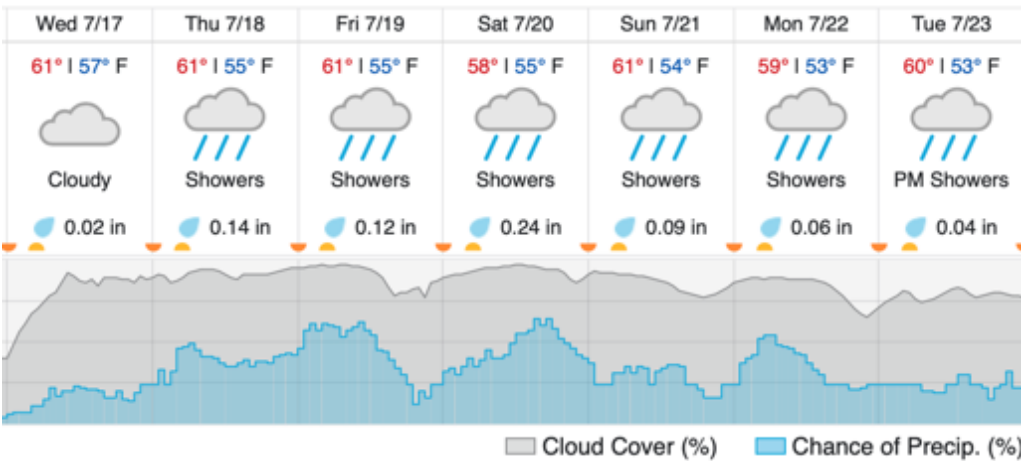
TOOL

| | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 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 | 47 | 48 | | | | | | | | | | | | |

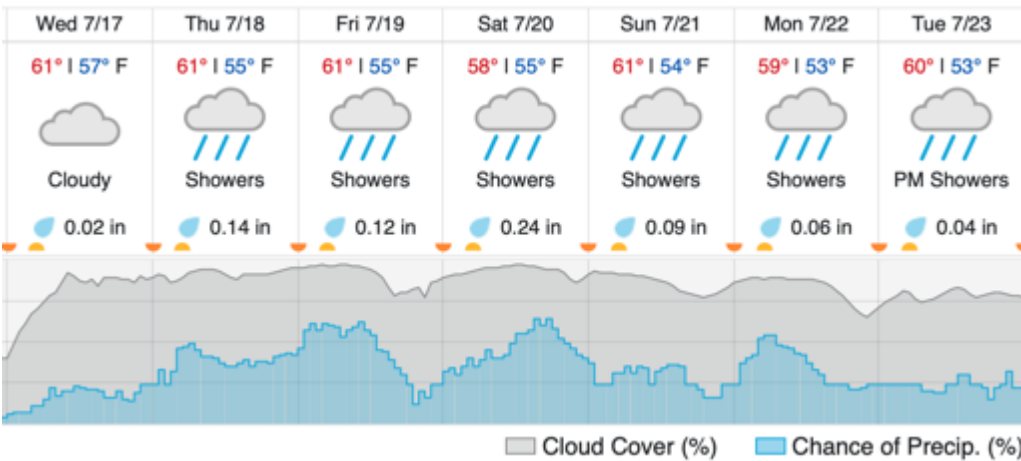
Flown: 90% (43/48)
 Green: 0% (0/48)
 Yellow: 23% (11/48)
 Red: 71% (34/48)

Weather Forecast

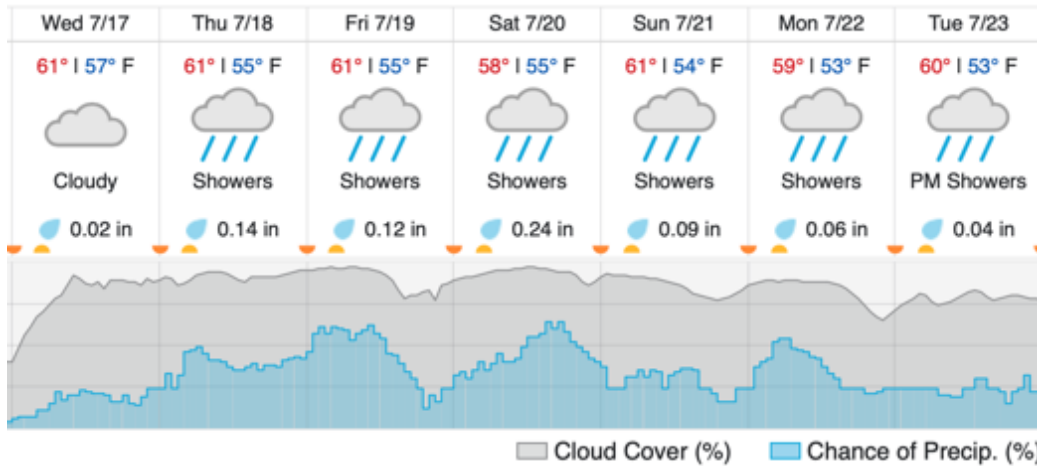
Prudhoe Bay, AK (PASC)



Toolik Lake, AK (TOOL)



Utqiagvik, AK (BARR)



Flight Collection Plan for 17 July 2019

Flyority 1:

Collection Area: Toolik (TOOL)

Flight Plan Name: D18_TOOL_C1_P1_v1.pln

On-station Time: 1910 – 0100 UTC / 1040 – 1720 L (35° solar angle)

Flyority 2:

Collection Area: Barrow Environmental Observatory (BARR) - Priority 1 Flight Box

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v4.pln

On-station Time: 2000 – 0100 UTC / 1130 – 1730 L (35° solar angle)

*Only if Green Conditions Exist

Flyority 3:

Collection Area: Barrow Environmental Observatory (BARR) - Priority 2 Flight Box

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v4.pln

On-station time: 2000 – 0100 UTC / 1130 – 1730 L (35° solar angle)

*Only if Green Conditions Exist

Flyority 4

Collection Area: Barrow Environmental Observatory (BARR) - Priority 3 Flight Box

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v4.pln

On-station time: 2000 – 0100 UTC / 1130 – 1730 L (35° solar angle)

*Only if Green Conditions Exist

Flyority 5

Collection Area: Nominal Runway – D18

Flight Plan Name: D18_N18A_Nominal_Runway_Test_v1.pln

On-station time: N/A

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

Flight Collection Plan for 18 July 2019

Flyority 1-5: Same as previously briefed

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