



Payload 2 Daily Flight Report



Date: 2025-07-22

Flight Campaign ID: P2C1

Airport, FBO ID, City: Fairbanks International Airport - Fairbanks, AK

Aircraft: N615AR

Domain: 19 (Taiga)

Sites Flown: None

Days left in Domain: 16

Report Author: Mike

Lidar Operators: Mike

Spectrometer Operators: Nick

Pilots: Manning, Vince

Flight Hours: 00:00

Hours until maintenance: 75.10

GPS Instruments: None

Summary

Low clouds and scattered showers prevented flights from occurring today.

Concerns

None

Comments

Pallet should be delivered tomorrow after follow up calls were made to resolve issues.

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed)

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: 2% (1/46)

Green: 0% (0/46)

Yellow: 2% (1/46)

Red: 0% (0/46)

* Flown within 35deg solar angle

D19|DEJU (Delta Junction)

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)
* Flown within 35deg solar angle

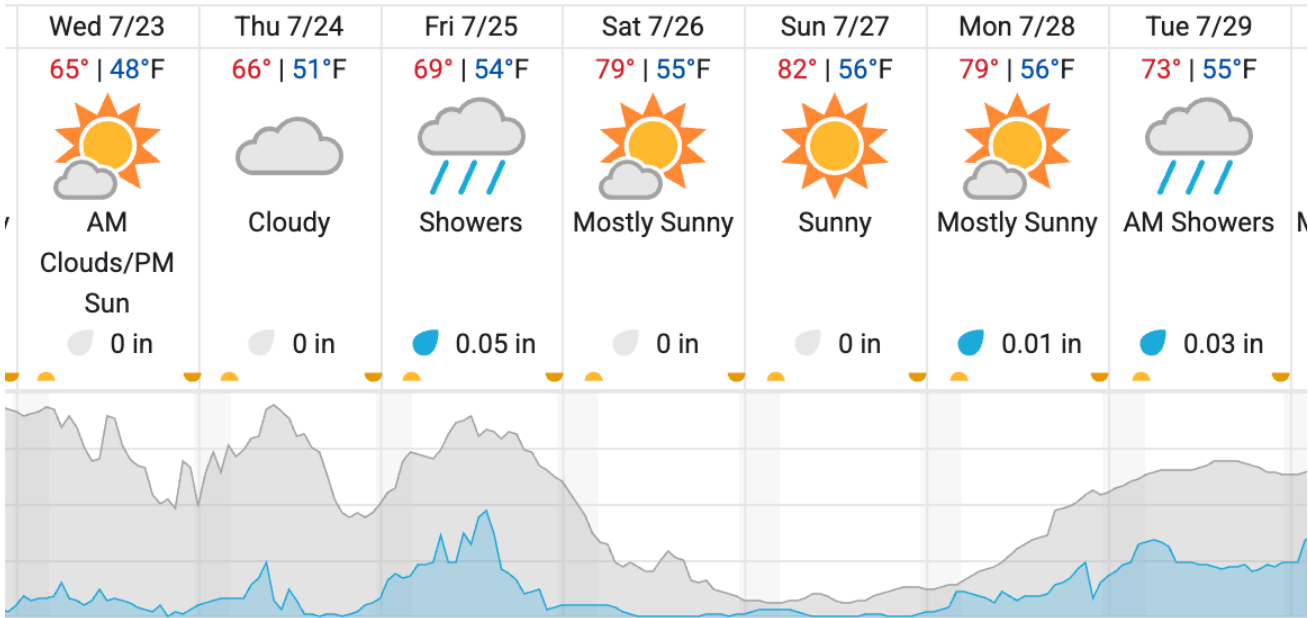
D19 | HEAL (Healy)

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							

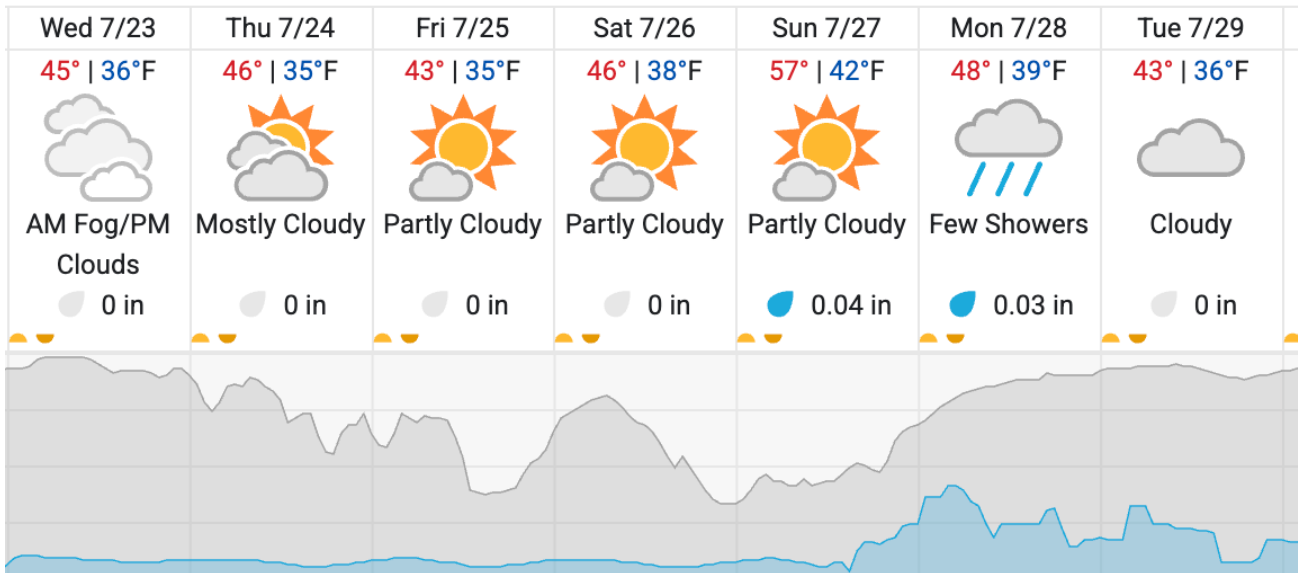
Flown: 33% (11/33)
Green: 0% (0/33)
Yellow: 33% (11/33)
Red: 0% (0/33)
* Flown within 35deg solar angle

Weather Forecast

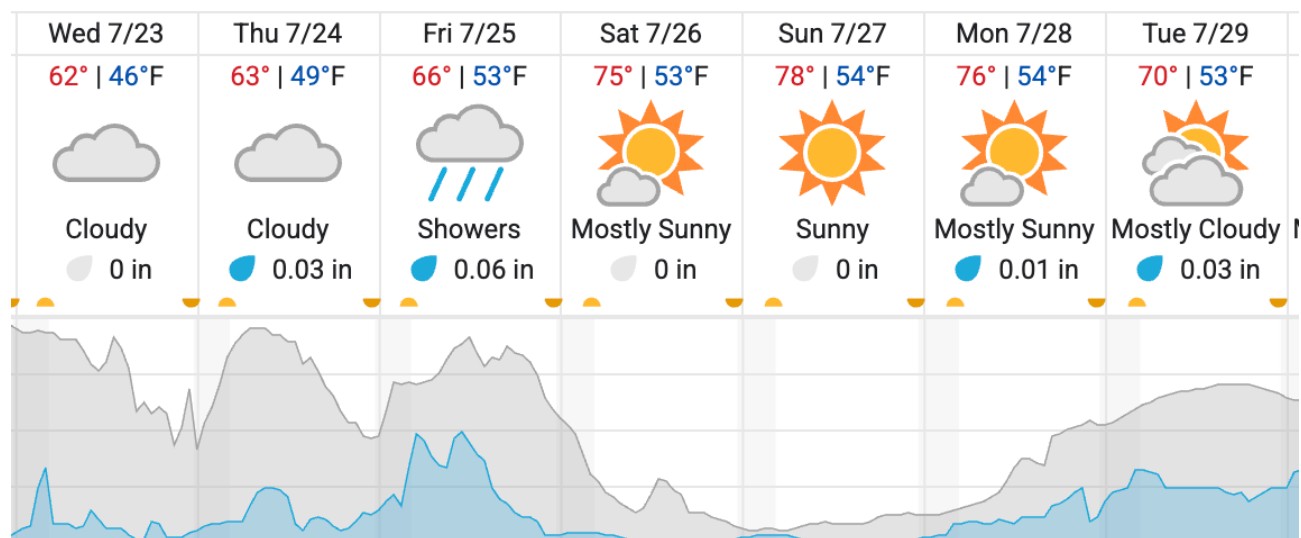
Fairbanks, AK (FBO-PAFA)



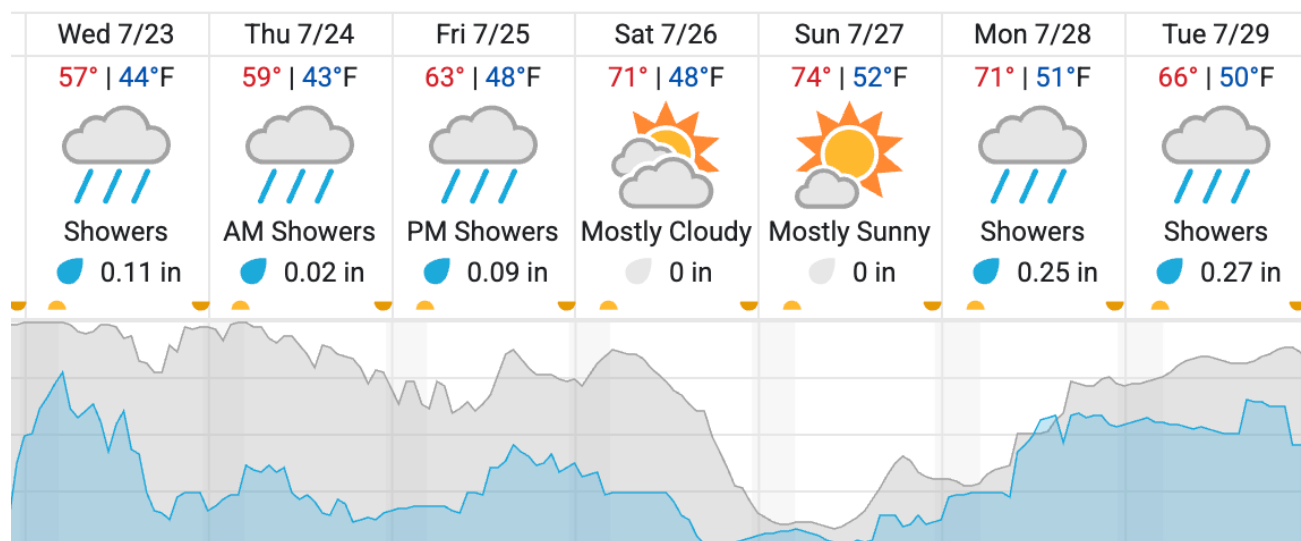
Utqiagvik, AK (BARR)



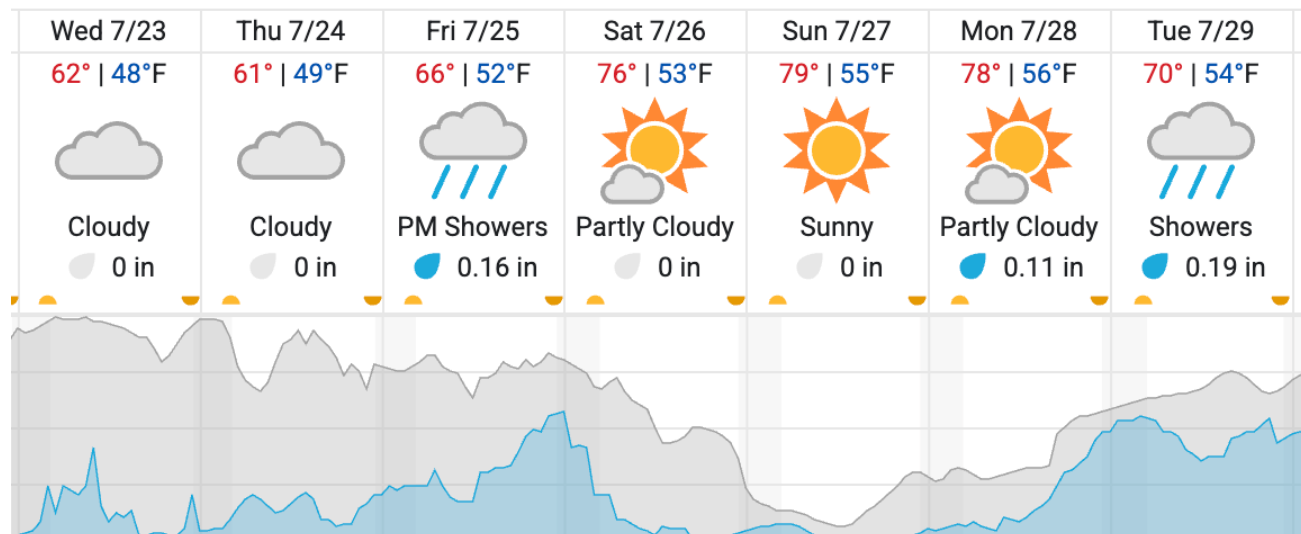
Goldstream Creek, AK (BONA)



Healy, AK (HEAL)



Delta Junction, AK (DEJU)



	Cloud Cover (%)		Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for July 23rd 2025

Flyority 1

Collection Area: Barrow Environmental Observatory (BARR) - Priority 1 Flight Box (*once in peak greenness*)

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v6_VQ780

On-Station Time: (35 degrees): 2010 UTC / 1210 L

Flyority 2

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

Flight Plan Name: D18_BARR_R1_P2_v5_Q780.pln

On-Station Time: (35 degrees): 2010 UTC / 1210 L

Flyority 3

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

Flight Plan Name: D18_BARR_R1_P3_v5_Q780.pln

On-Station Time: (35 degrees): 2010 UTC / 1210 L

Flyority 4

Collection Area: Caribou Creek – Poker Flats Watershed – BONA

Flight Plan Name: D19_BONA_C1_P1_v3_VQ780

On-Station Time: (35 degrees): 1840 UTC / 1040 L

Flyority 5

Collection Area: Healy - HEAL

Flight Plan Name: D19_HEAL_R3_P1_v3_Q780

On-Station Time: (35 degrees): 1840 UTC / 1040 L

Flyority 6

Collection Area: Delta Junction -DEJU

Flight Plan Name: TBD

On-Station Time: (35 degrees): 1840 UTC / 1040

Crew: Nick (lidar), Mike (NIS)