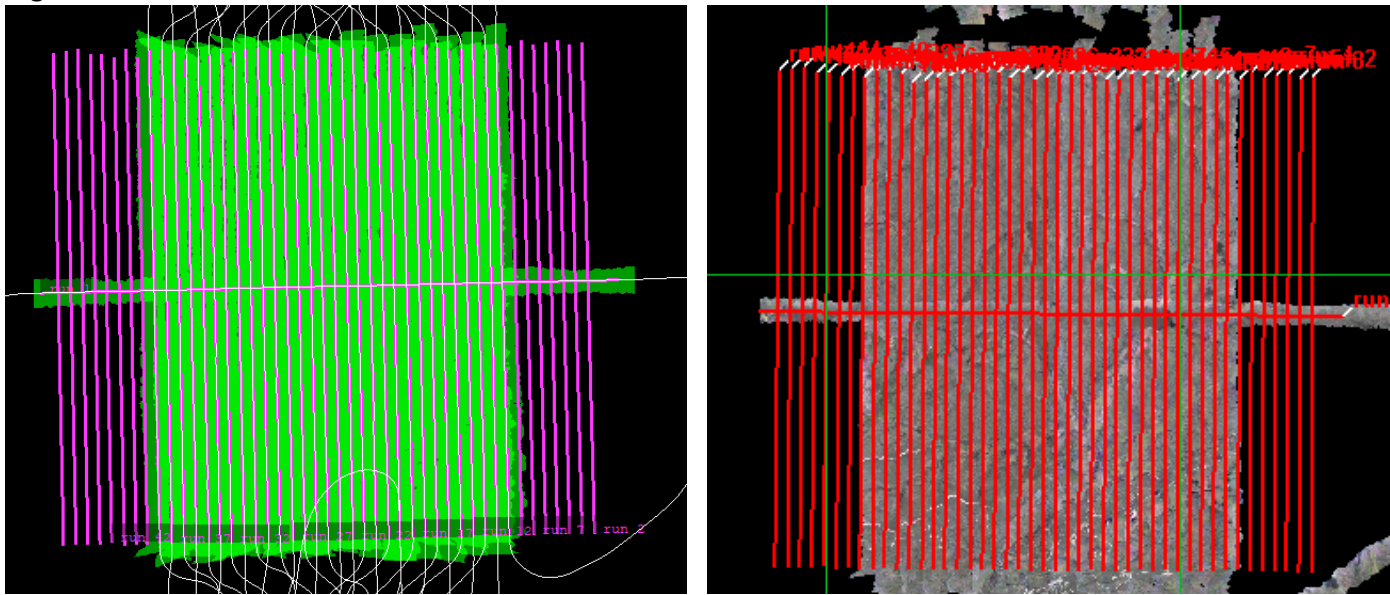


[illegible]

Line #	28	29	30	31	32	33	34	35	36	37	38
Lidar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrometer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud Cover											

Total number of lines flown: 31

Flight Screenshots



Pictures



Clear skies over the Alaskan Interior.

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: 80% (37/46)

Green: 59% (27/46)

Yellow: 9% (4/46)

Red: 13% (6/46)

* 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: 31% (10/32)

Green: 16% (5/32)

Yellow: 9% (3/32)

Red: 6% (2/32)

* 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: 48% (16/33)

Green: 0% (0/33)

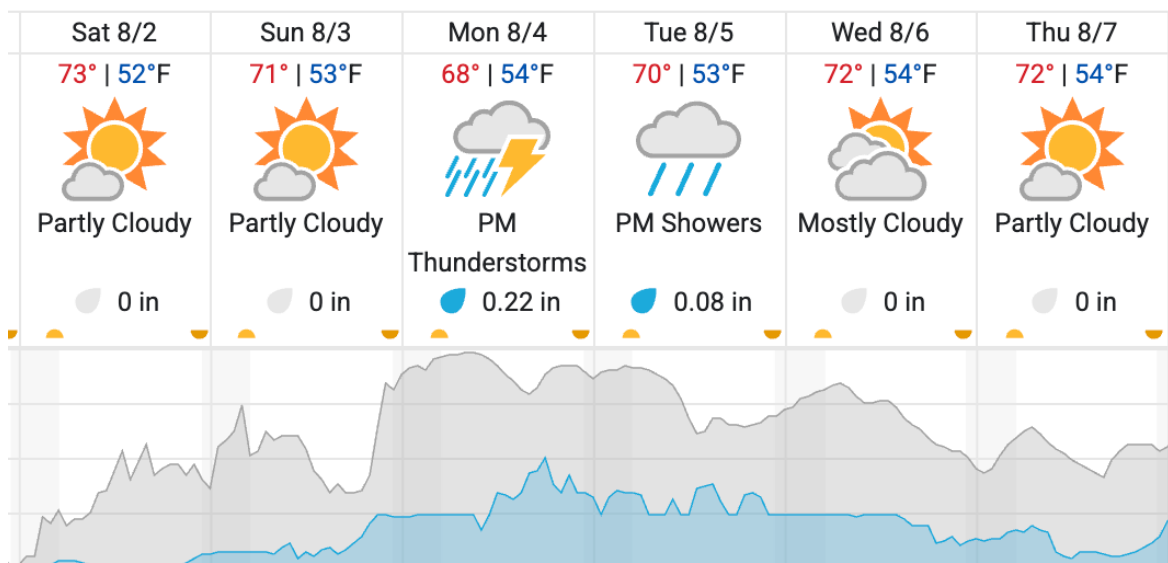
Yellow: 48% (16/33)

Red: 0% (0/33)

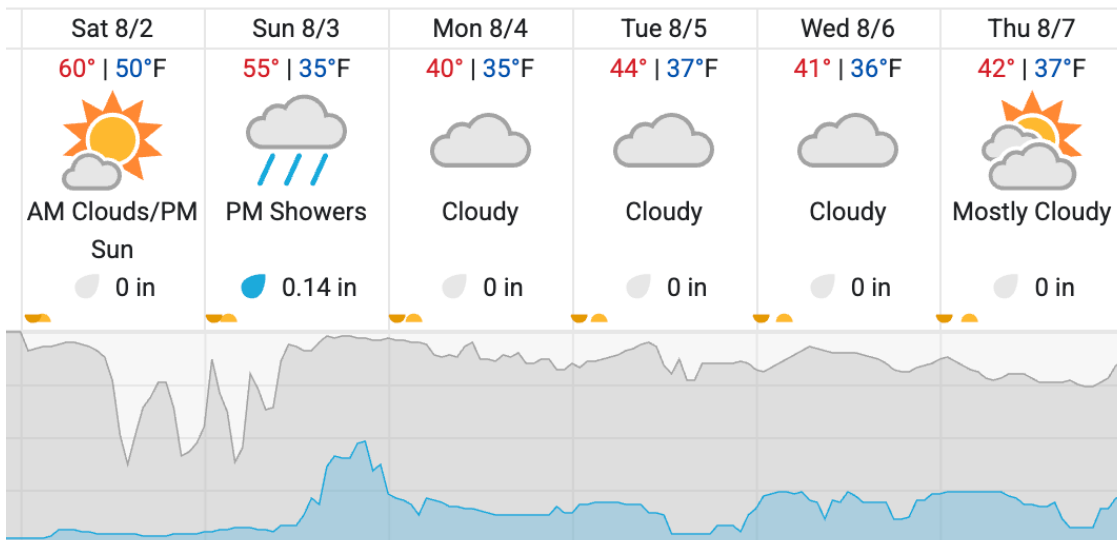
* Flown within 35deg solar angle

Weather Forecast

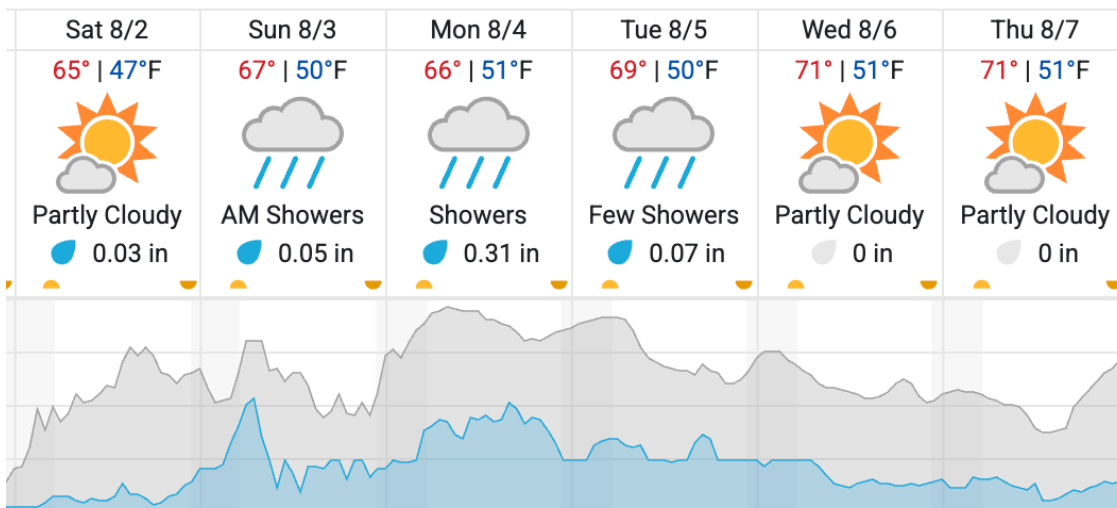
Fairbanks, AK (FBO-PAFA, BONA)



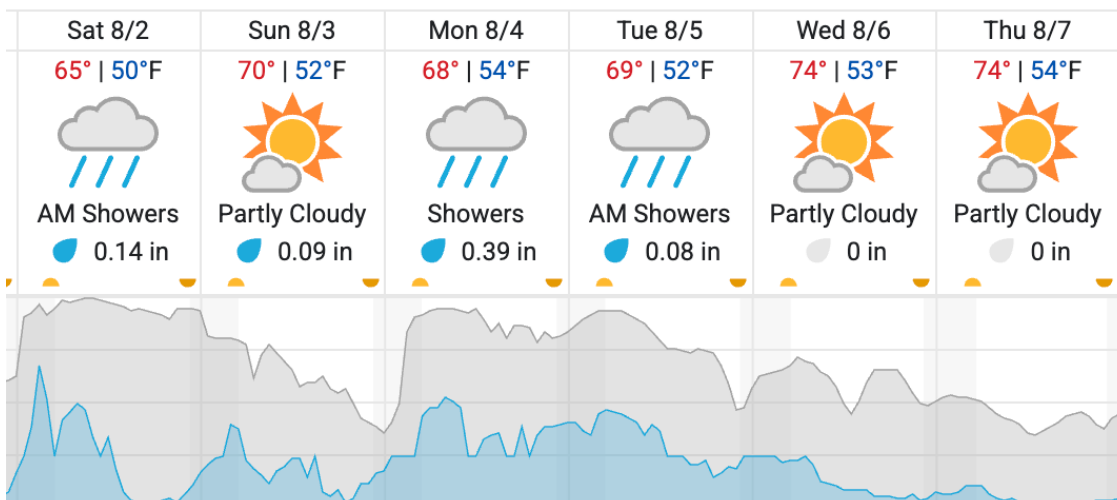
Utqiagvik, AK (BARR)



Healy, AK (HEAL)



Delta Junction, AK (DEJU)



Cloud Cover (%) Chance of Precip. (%)

source: wunderground.com

Flight Collection Plan for August 2nd 2025

Flyority 1

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

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v6_VQ780

On-Station Time: (35 degrees): 2120 UTC / 1320 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): 2120 UTC / 1320 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): 2120 UTC / 1320 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): 1920 UTC / 1120 L

Flyority 5

Collection Area: Healy - HEAL

Flight Plan Name: D19_HEAL_R3_P1_v3_Q780

On-Station Time: (35 degrees): 1910 UTC / 1110 L

Flyority 6

Collection Area: Delta Junction -DEJU

Flight Plan Name: D19_DEJU_R1_P2_v6_VQ780

On-Station Time: (35 degrees): 1900 UTC / 1100 L

Crew: John (lidar), Mike (NIS)