

[illegible]

Line #	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Lidar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrometer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud Cover														

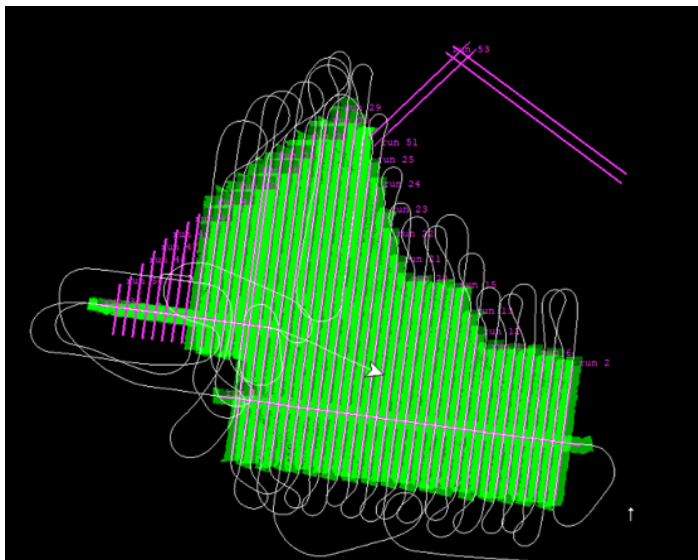
Total number of lines flown: 34

D18|BARR_P2*

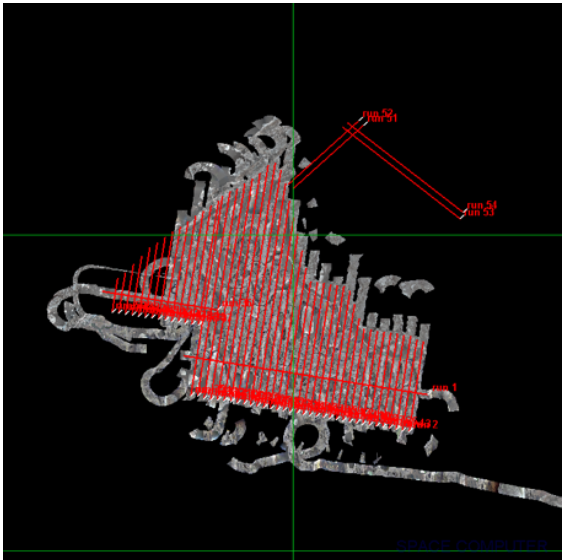
Line #	37	38	39	40	41	42
Lidar	✓	✓	✓	✓	✓	✓
Spectrometer	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓
Cloud Cover						

Total number of lines flown: 6

Flight Screenshots



Lidar (BARR P1,P2)



NIS (Barr P1, P2)

Pictures



BARR tower hut can just barely be made out in the middle of the tundra above and slightly right of the icy lake. Point Barrow, the northern most point of the United States can be seen in the distance (top left) surrounded by sea ice.

The North Slope Borough Search and Rescue graciously agreed to lend us their GPU as there is no FBO service at PABR.



Posing with the NSB SAR's Sikorsky VH-92 Patriot helicopter during the fuel stop.



Another view of Point Barrow, the northernmost point of the U.S, with breaking up sea ice.

Cumulative Domain Coverage

D18|BARR_P1 (Barrow Environmental Observatory Priority 1)

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: 100% (35/35)
 Yellow: 0% (0/35)
 Red: 0% (0/35)
 * Flown within 35deg solar angle

D18|BARR_P2 (Barrow Environmental Observatory Priority 2)

36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
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Flown: 47% (7/15)*

Green: 47% (7/15)

Yellow: 0% (0/15)

Red: 0% (0/15)

* Flown within 35deg solar angle

D18|BARR_P3 ()

51	52	53	54
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Flown: 0% (0/4)

Green: 0% (0/4)

Yellow: 0% (0/4)

Red: 0% (0/4)

* Flown within 35deg solar angle

D18|OKSR (Oksrukuyik Creek)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21																			

Flown: 0% (0/21)

Green: 0% (0/21)

Yellow: 0% (0/21)

Red: 0% (0/21)

* Flown within 35deg solar angle

D18|TOOL (Toolik)

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: 0% (0/48)

Green: 0% (0/48)

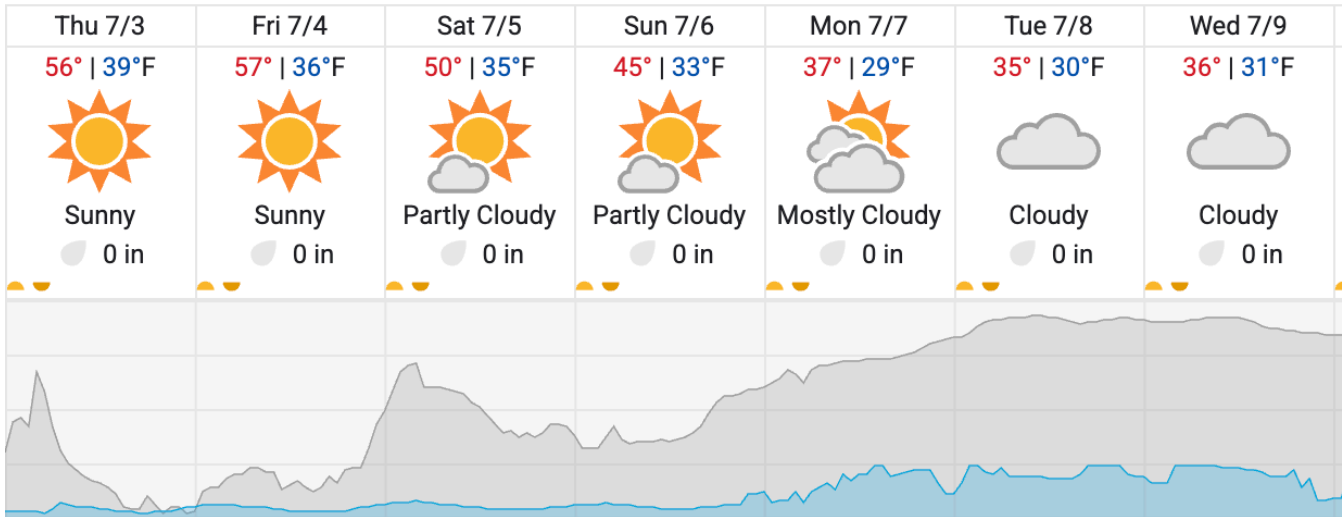
Yellow: 0% (0/48)

Red: 0% (0/48)

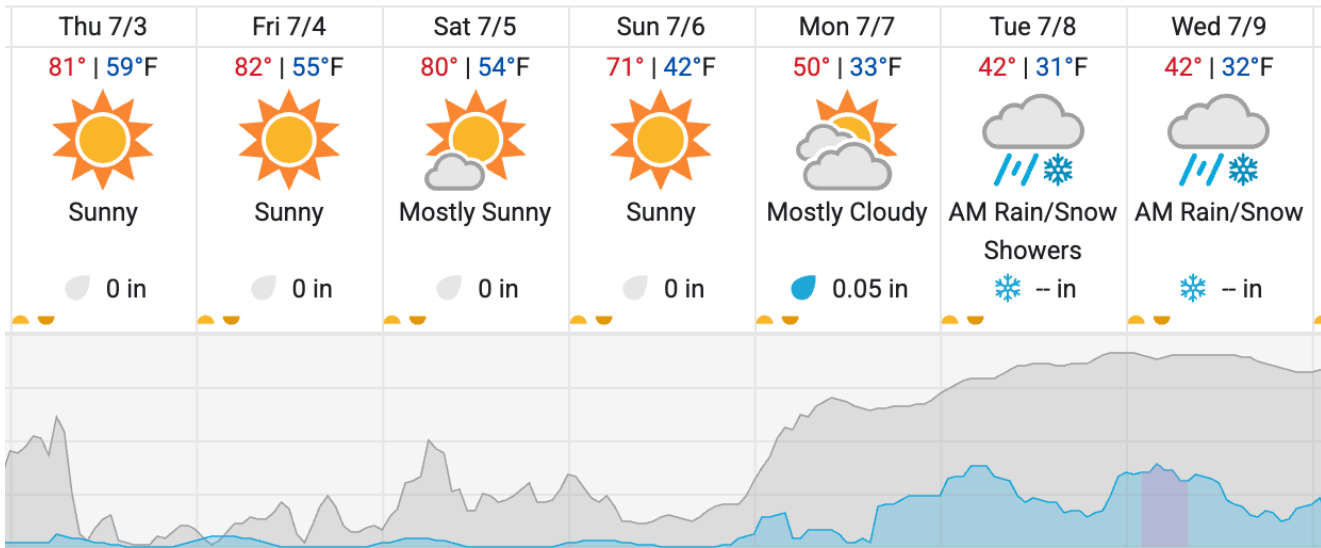
* Flown within 35deg solar angle

Weather Forecast

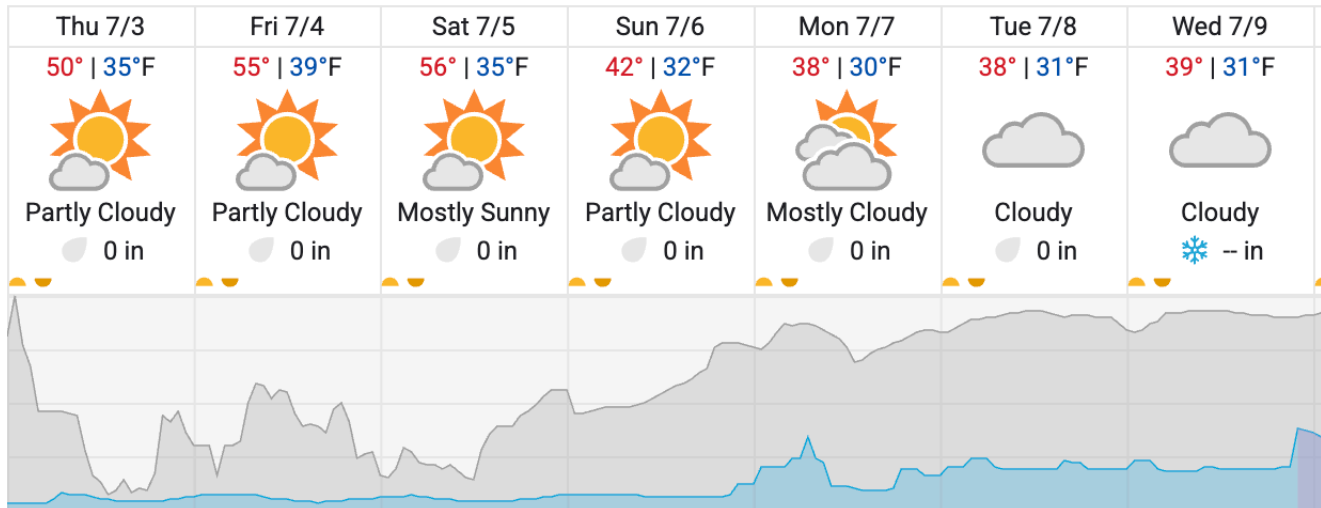
Prudhoe Bay, AK (FBO-PASC)



Toolik Lake, AK (TOOL, OKSR)



Utqiagvik, AK (BARR)



source: wunderground.com

Flight Collection Plan for July 03 2025

Flyority 1

Collection Area: Toolik (TOOL)

Flight Plan Name: D18_TOOL_C1_P1_v4_VQ780

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

Flyority 2

Collection Area: Barrow Environmental Observatory (BARR) - Priority 2 Flight Box (lines 43-50)

Flight Plan Name: D18_BARR_R1_P2_v5_Q780.pln

On-Station Time: (35 degrees): 1930 UTC / 1130 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): 1930 UTC / 1130 L

Flyority 4

Collection Area: Oksrukuyik Creek (OKSR)

Flight Plan Name: D18_OKSR_A1_P1_v3_VQ780

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