



Payload 1 Daily Flight Report



Date: 2022-07-21

Flight Campaign ID: P1C1

Airport, FBO ID, City: Deadhorse Airport (PASC) – Prudhoe Bay, AK

Aircraft: N331AR

Domain: D18

Sites Flown: None

Days left in Domain: 32

Report Author: Mike

Lidar Operators: Mike

Spectrometer Operators: Elissa

Pilots: Jeremy, Vince

Flight Hours: 00:00

Hours until maintenance: 85.75

GPS Instruments: None

Summary

The NIS system is nearing temperature specification and should be there tonight.

Concerns

None

Comments

- GPS Basestation 04 was set up at the airport terminal today.
- The Daily Report generation from the database is experiencing issues and is being looked into with the help of Christian.
- We confirmed arrangements with North Slope SAR in Utqiagvik to use their GPU during refueling.

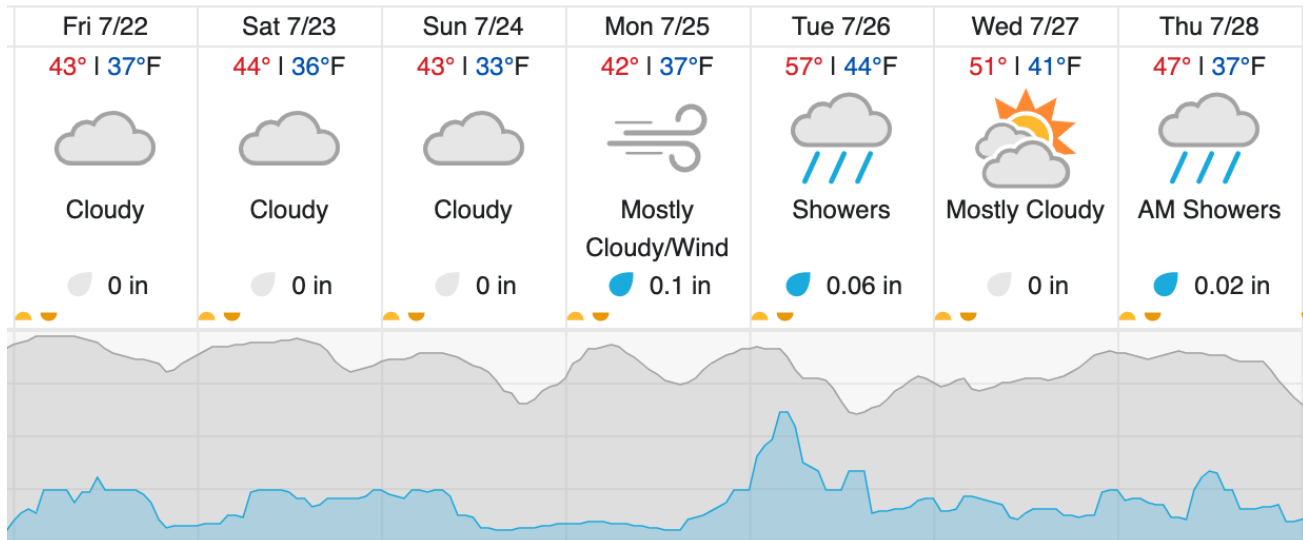
Photos



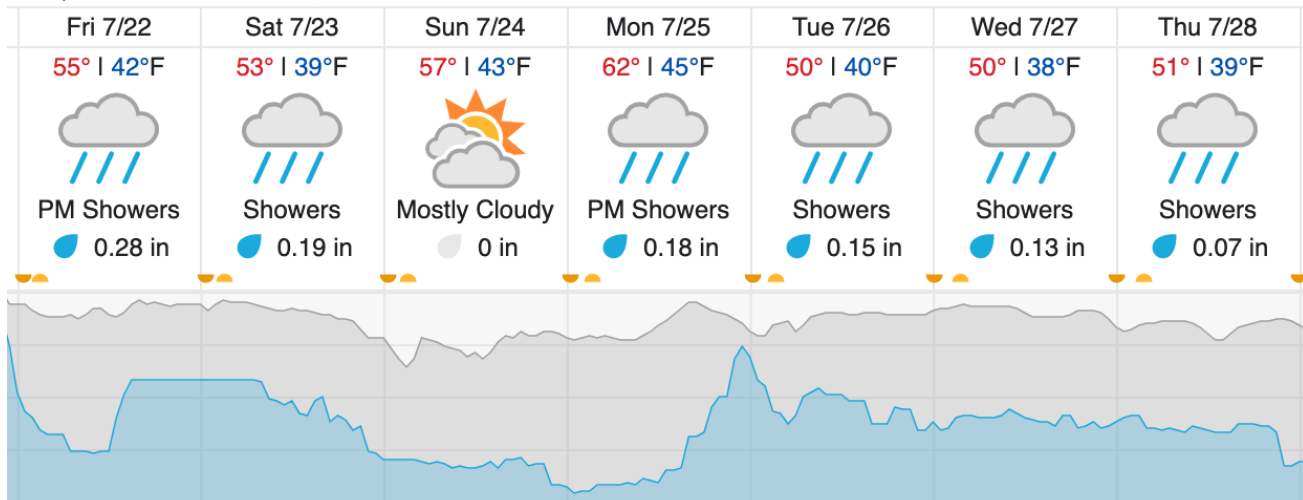
Elissa setting up the GPS in typical Deadhorse weather: low clouds.

Weather Forecast

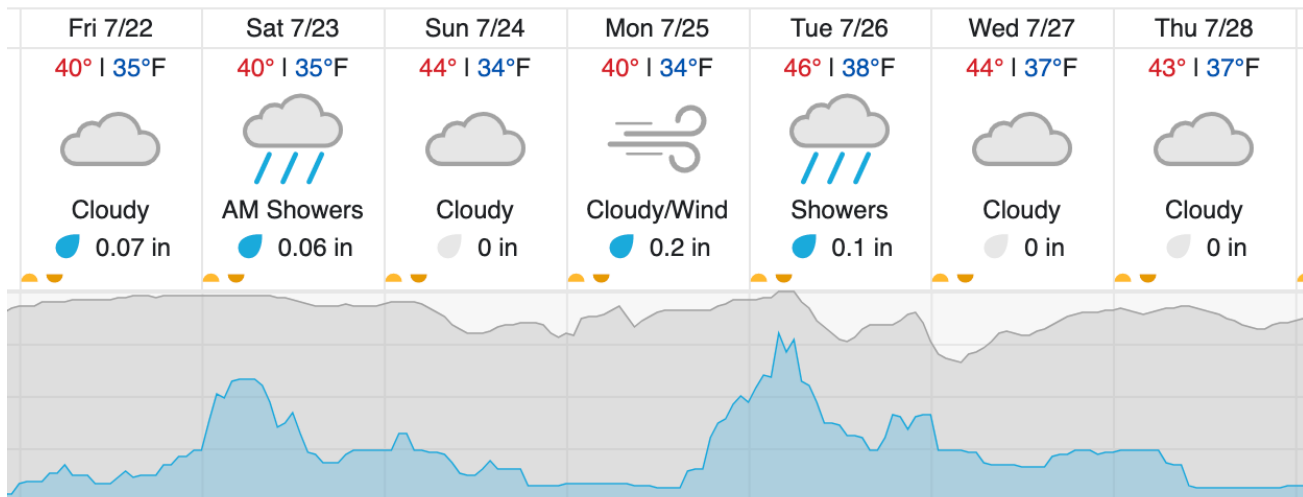
Prudhoe Bay – Deadhorse, AK



Pump Station 2, AK (TOOL)



Utqiagvik, AK (BARR)



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

Flight Collection Plan for July 22, 2022

Flyority 1/2

Collection Area: Toolik Lake (TOOL)

Flight Plan Name: D18_TOOL_C1_P1_v3_PRM.xml

On-station Time: 1930 UTC / 1130 L (35deg)

Flyority 1/2

Collection Area: Barrow Environmental Observatory (BARR) – P1 Flight Box

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v5_PRM.xml

On-station Time: 2030 UTC / 1230 L (35deg)

Flyority 3

Collection Area: Oksrukuyik Creek (OKSR)

Flight Plan Name: D18_OKSR_A1_P1_v2_PRM

On-station Time: 1930 UTC / 1130 L (35deg)

Flyority 4

Collection Area: Barrow Environmental Observatory (BARR) – P2 Flight Box

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v5_PRM.xml

On-station Time: 2030 UTC / 1230 L (35deg)

Flyority 5

Collection Area: Barrow Environmental Observatory (BARR) – P3 Flight Box

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v5_PRM.xml

On-station Time: 2030 UTC / 1230 L (35deg)

Flyority 6

Collection Area: Nominal Runway – D18

Flight Plan Name: D18_N18A_Nominal_Runway_Test_v1_PRM.xml

On-station Time: N/A