



Payload 1 Daily Flight Report



Date: 2022-07-19
Flight Campaign ID: P1C1
Airport, FBO ID, City: Deadhorse Airport (PASC) – Prudhoe Bay, AK
Aircraft: N331AR

Domain: D18
Sites Flown: Transit
Days left in Domain: 34

Report Author: Mike
Lidar Operators: Mike **Flight Hours:** 00:00
Spectrometer Operators: NA **Hours until maintenance:** 85.75
Pilots: Jeremy, Vince **GPS Instruments:** None

Summary

Today was a down day. Elissa completes her journey up north this evening, arriving with the vacuum pump in hand. The pallet of equipment should arrive tomorrow afternoon. With the arrival of the pump, pumping and cooling can begin.

Concerns

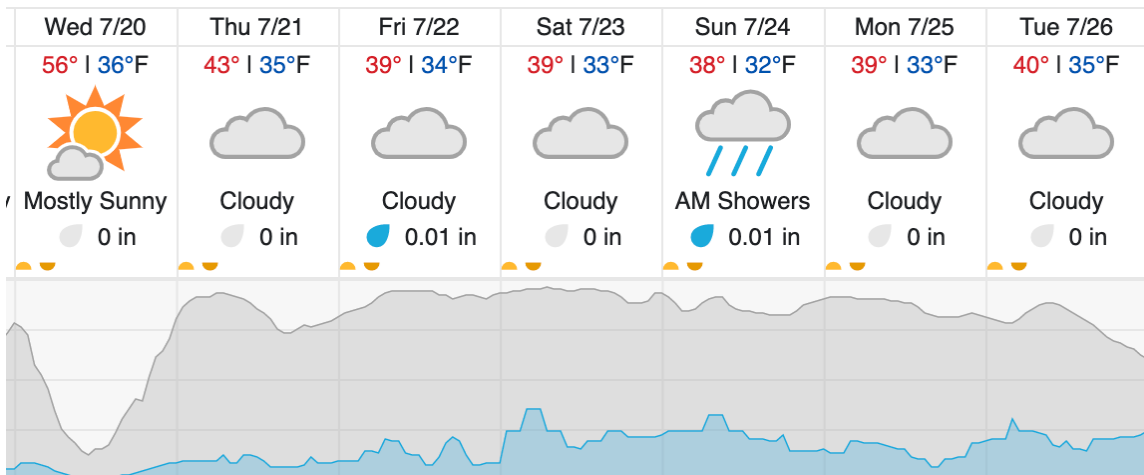
None

Comments

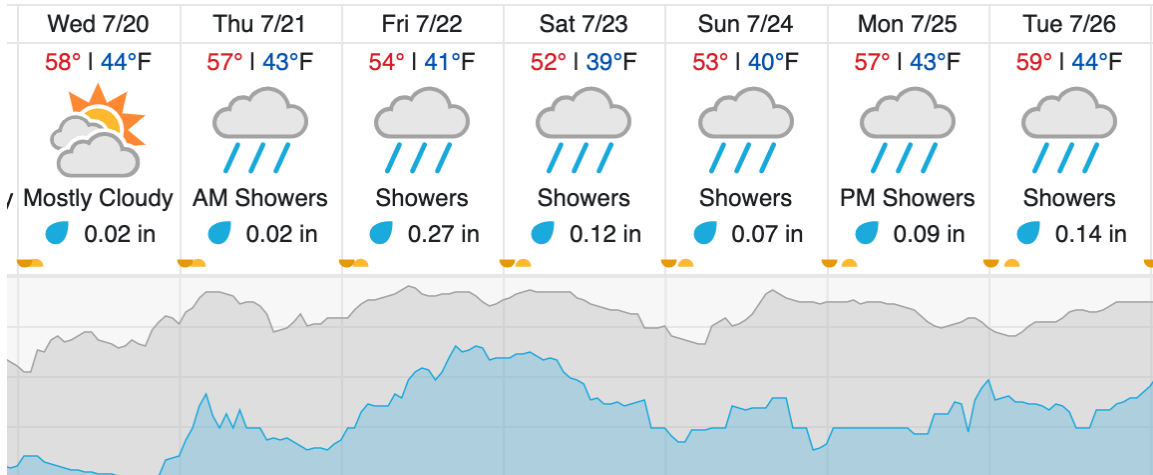
After many phone calls and quick decisions, Elissa was able to rescue the pump in its stagnate state during a layover in Anchorage that was extended. The pump was shipped a few days ahead of the pallet with the hope that it would arrive as the same time as the Otter so pumping and cooling could begin immediately. Once reaching Anchorage the pump sat in the FedEx warehouse for four days due to staffing shortages. It was then handed to their Deadhorse freight forwarder today and scheduled for a Thursday delivery. Fortunately, Elissa was able to procure it and check it as baggage. Thanks for being so flexible and assertive Elissa!

Weather Forecast

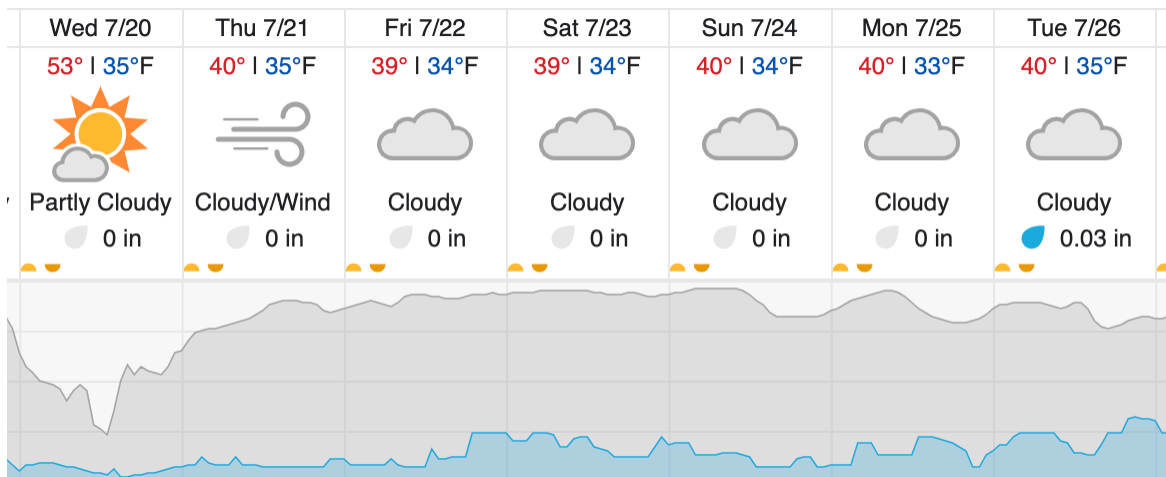
Prudhoe Bay – Deadhorse, AK



Salcha, AK (TOOL)



Utqiagvik, AK (BARR)



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

source: wunderground.com

Flight Collection Plan for July 20-21, 2022

Pumping and Cooling

Crew: Mike and Elissa

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 5

Collection Area: Nominal Runway – D18

Flight Plan Name: D18_N18A_Nominal_Runway_Test_v1_PRM.xml

On-station Time: N/A