



Payload 1 Daily Flight Report



Date: 2022-07-20

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: 33

Report Author: Elissa

Lidar Operators: Elissa

Spectrometer Operators: Mike

Pilots: Jeremy, Vince

Flight Hours: 00:00

Hours until maintenance: 85.75

GPS Instruments: None

Summary

We began pumping down the NIS chamber this morning and began cooling this afternoon. The system should be ready for collection by Friday.

Concerns

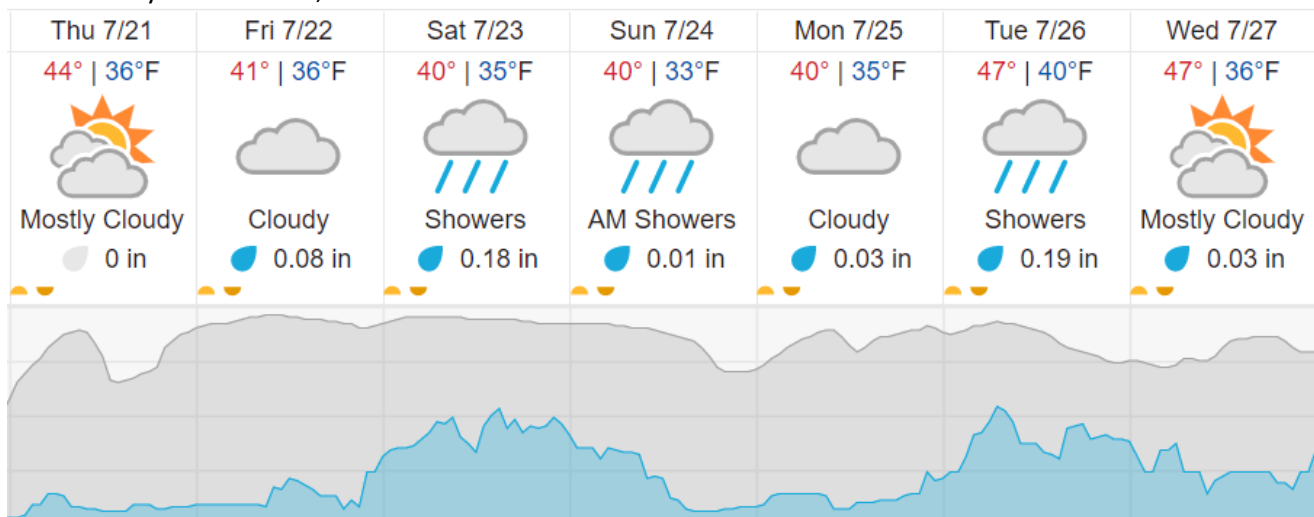
None

Comments

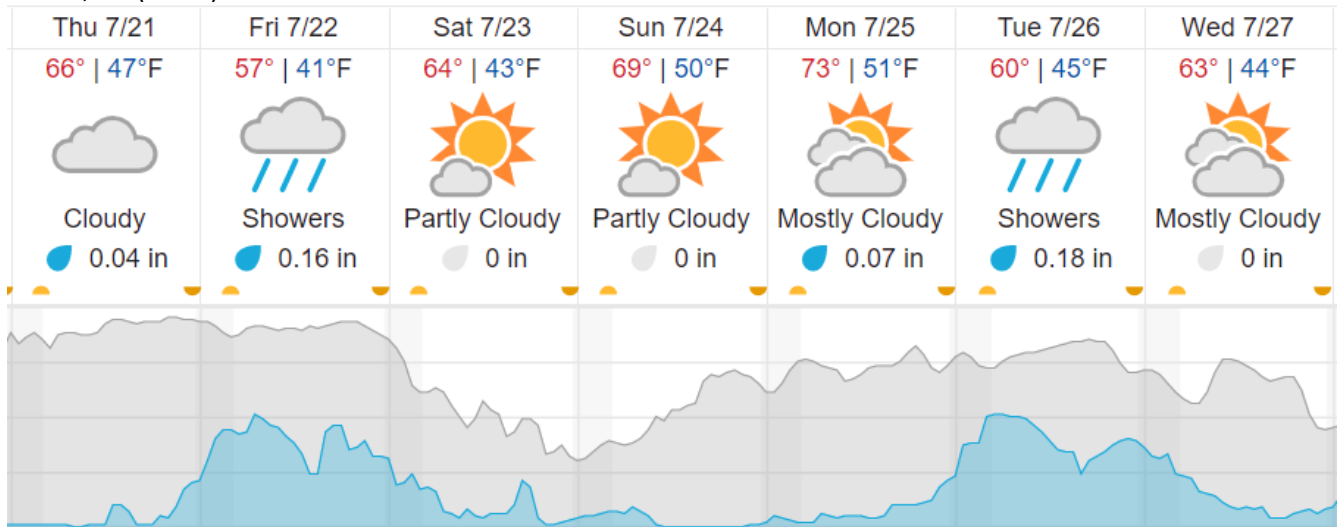
- The Toolik tower camera is scheduled to be installed on 7/27, which is the domain staff's next site visit.
- The pallet with the rest of our equipment arrived this afternoon.

Weather Forecast

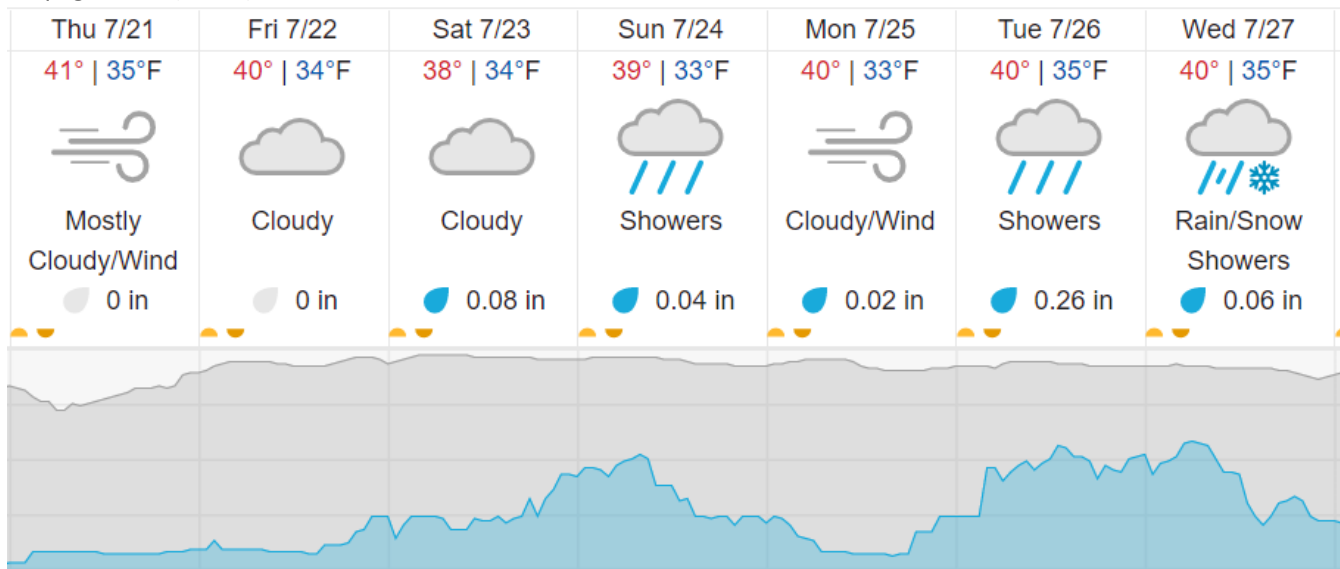
Prudhoe Bay – Deadhorse, AK



Salcha, AK (TOOL)



Utqiagvik, AK (BARR)



source: wunderground.com

Flight Collection Plan for July 21, 2022

Pumping and Cooling

Crew: Mike (Lidar), Elissa (NIS)

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