Payload 3 Daily Flight Report

Date: 2022-04-10
Flight Campaign ID: P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N70AR

Domain: 00 (Training & Calibration)
Sites Flown: None
Days left in Domain: 15

Report Author: Mitch
Lidar Operators: Abe, Matt
Spectrometer Operators: Mitch, Elissa
Pilots: Nick, Magnus
Ground Crew: Cameron, Ian

Flight Hours: 00:00
Hours until maintenance: 123.90
GPS Instruments: NA

Summary
Official start of the 2022 NEON AOP Flight Campaign! Payload 3 was successfully installed into Twin Otter N70AR. System is now pumping and cooling.

Concerns
None

Comments
No cabling issues with new rack configuration.

Pictures
Various photos from today's installation taken by documenter Cameron Chapman.


70AR


NSF
2014
EXIT


Rental System
CLARK

Cumulative Domain Coverage

D00|B10E (Riegl Boresight Calibration - 1600m, 1000m, 500m)

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

Flown: 0% (0/20)
Green: 0% (0/20)
Yellow: 0% (0/20)
Red: 0% (0/20)

D00|D10C ()

1	2

Flown: 0% (0/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 0% (0/2)

D00|H10C (NEON Headquarters Lidar Test - Riegl)

1	2	3	4

Flown: 0% (0/4)

Green: 0% (0/4)
Yellow: 0% (0/4)
Red: 0% (0/4)

D00|N10D (Nominal Runway at KBDU - Riegl)

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														

Flown: 0% (0/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 0% (0/26)

D00|O10B (NIS Offset - Riegl)

1	2

Flown: 0% (0/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 0% (0/2)

D00|R10C (Table Mountain Radiometric Calibration - Riegl)

1	2	3	4	5

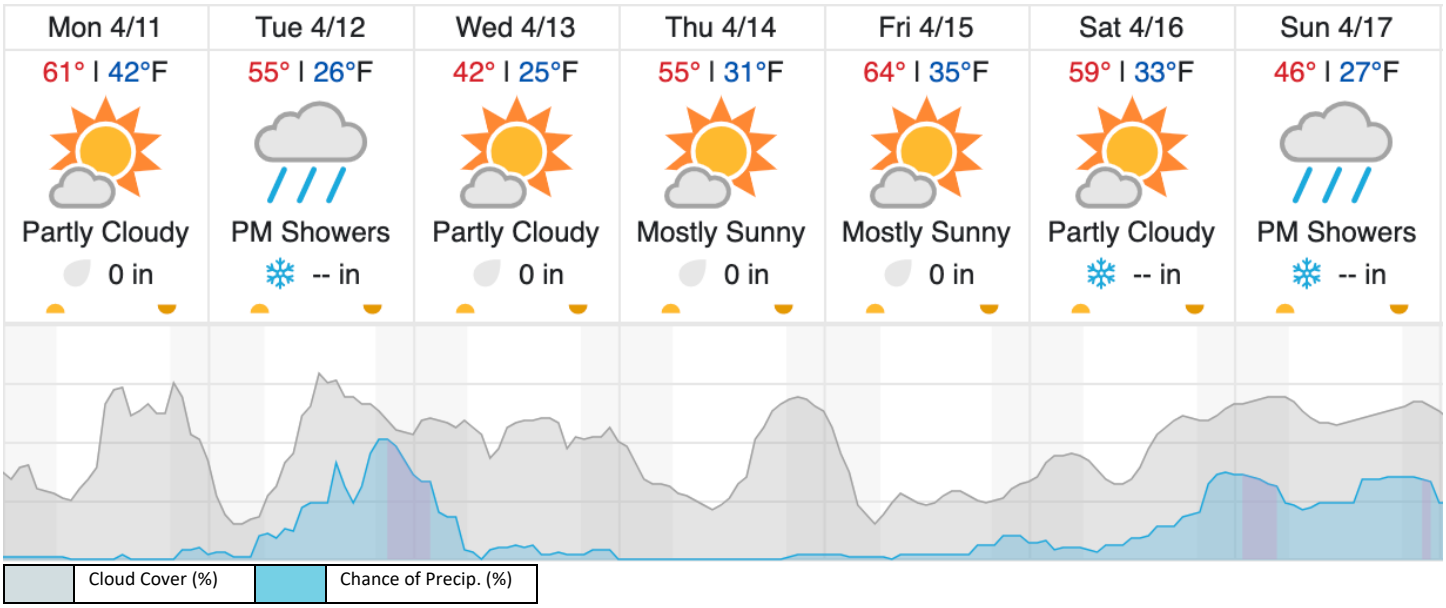
Flown: 0% (0/5)
Green: 0% (0/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

D00|W10C (Wiggle Timing Test - Riegl)

1	2

Flown: 0% (0/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 0% (0/2)

Weather Forecast



source: wunderground.com

Flight Collection Plan for 11-12 April 2022

Continue pumping and cooling of system