Payload 3 Daily Flight Report

Date: 2023-08-06
Flight Campaign ID: P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N934MU

Domain: 10/13 (Central Plains/Southern Rocky Mountains)
Sites Flown: None
Days left in Domain: 20

Report Author: Matt
Lidar Operators: Matt
Flight Hours: 00:00
Spectrometer Operators: Nick
Hours until maintenance: 91.93
Pilots: Justin, Jon

Summary
Low cloud decks throughout the Boulder area prevented flights for the day.

Concerns
None.

Comments
None.

Cumulative Domain Coverage

D10|ARIK (Arikaree River)

|  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|
Flown: 0% (0/35)
Green: 0% (0/35)
Yellow: 0% (0/35)
Red: 0% (0/35)

D10|RMNP (Rocky Mountain National Park)

|  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|
Flown: 18% (7/39)
Green: 13% (5/39)
Yellow: 5% (2/39)
Red: 0% (0/39)

D13|NIWO (Niwot Ridge Mountain Research Station)

|  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| 49| 50| 51| 52|
Flown: 0% (0/52)
Green: 0% (0/52)
Yellow: 0% (0/52)
Red: 0% (0/52)

D13 | WLOU (West St. Louis Creek)

Flown: 0% (0/14)
Green: 0% (0/14)
Yellow: 0% (0/14)
Red: 0% (0/14)

Weather Forecast
Nederland, CO (NIWO)

Allenspark, CO (RMNP)

Fraser, CO (WLOU)
Flight Collection Plan for August 7th 2023

**Flyority 1**
Collection Area: Niwot Ridge Mountain Research Station (NIWO)
Flight Plan Name: D13_NIWO_C1_P1_v5_Q780
On-Station Time: 15:40 UTC / 09:40 L

**Flyority 2**
Collection Area: Rocky Mountain National Park (RMNP)
Flight Plan Name: D10_RMNP_R2_P1_v2_Q780
On-Station Time: 15:40 UTC / 09:40 L

**Flyority 3**
Collection Area: West St. Louis Creek (WLOU)
Flight Plan Name: D13_WLOU_A1_P1_Q780
On-Station Time: 15:40 UTC / 09:40 L

**Flyority 4**
Collection Area: Arikaree River (ARIK)
Flight Plan Name: D10_ARIK_A1_P2_v3_Q780
On-Station Time: 15:30 UTC / 09:30 L

**Crew:** Nick (Lidar), Matt (NIS), N/A (Ground)