August 3, 2018 Payload 3 Daily Flight Report

Date: 2018-08-03
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 13
Sites Flown: None
Days left in Domain: 14

Report Author: Robb Walker
Flight Crew: Robb Walker, Cameron Chapman
Ground/GPS: Abe Morrison
Pilots: Stephen Brawders, Gina Moore
Additional Personnel: 
GPS Instruments: N/A

Summary
Aircraft 125-hr maintenance was completed late this morning. Unfortunately, clouds and precipitation over study sites prevented flights today.

Concerns
None

Comments
-RMNP GPS site was visited and confirmed operational. Voltage 12.74
-Abe Morrison has rejoined us for ground duties over the weekend. Thanks Abe!

Pictures
Cameron Chapman and Abe Morrison at RMNP GPS Site (NEON Tower background left)
### Cumulative Domain Coverage

#### MOAB

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| 21| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29

Flown: 100% (29/29)
Green: 100% (29/29)
Yellow: 0% (0/29)
Red: 0% (0/29)

#### NIWO

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| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52

Flown: 44% (23/52)
Green: 42% (22/52)
Yellow: 2% (1/52)
Red: 0% (0/52)

#### WLOU

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|
| 21|

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

### Weather Forecast

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<tr>
<th>Sat 8/4</th>
<th>Sun 8/5</th>
<th>Mon 8/6</th>
<th>Tue 8/7</th>
<th>Wed 8/8</th>
<th>Thu 8/9</th>
<th>Fri 8/10</th>
<th>Sat 8/11</th>
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<tr>
<td>90°</td>
<td>61° F</td>
<td>86°</td>
<td>59° F</td>
<td>77°</td>
<td>56° F</td>
<td>82°</td>
<td>57° F</td>
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- Mostly Sunny
- Partly Cloudy
- PM Thunderstorms
- PM Thunderstorms
- Sunny
- Mostly Sunny
- Sunny
- Sunny

### Flight Collection Plan for 04 Aug 2018

**Flyority 1** (Flight Priority 1):
Collection Area: Table Mountain Radiometric Calibration
Flight Plan Name: D10_R10C_Rad_Cal_TBMT_v1_Q780
On-Station Time: 15:59 UTC / 0959 L

**Flyority 2** (Flight Priority 2): *Lines 2-30*
Collection Area: Niwot Ridge Mountain Research Station (NIWO)
Flight Plan Name: D13_NIWO_C1_P1_v5_Q780
On-Station Time: 15:33 UTC / 0933 L
**Flyority 3** (Flight Priority 3):
Collection Area: Rocky Mountain National Park (RMNP)
Flight Plan Name: D10_RMNP_R2_P1_v2_Q780
On-Station Time: 15:33 UTC / 0933 L

**Flyority 4** (Flight Priority 4):
Collection Area: Sterling Agricultural Site (STER)
Flight Plan Name: D10_STER_R1_P1_v3_Q780
On-Station Time: 15:25 UTC / 0925 L

**Flyority 5** (Flight Priority 5):
Collection Area: West St. Louis Creek (WLOU)
Flight Plan Name: D13_WLOU_A1_P1_v1_Q780
On-Station Time: 15:35 UTC / 0935 L

Crew: Cameron Chapman (Lidar), Robb Walker (NIS)