August 5, 2018 Payload 3 Daily Flight Report

Date: 2018-08-05
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 13
Sites Flown: None
Days left in Domain: 12

Report Author: Robb Walker
Flight Crew: Robb Walker, Cameron Chapman
Flight Hours: 00:00
Ground/GPS: Abe Morrison
Pilots: Grant Frost, Stephen Brawders
Additional Personnel:
GPS Instruments: N/A

Summary
Precipitation in the morning and lingering cirrus and cumulus clouds over the region prevented flights today.

Concerns
None

Comments
- Robb Walker departs for Fairbanks, Alaska and D19 tomorrow.
- GPS 03_FBO_KBDU checked.

Cumulative Domain Coverage

**MOAB**

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| Flown: | 100% (29/29) | Green: | 100% (29/29) | Yellow: | 0% (0/29) | Red: | 0% (0/29) |

**NIWO**

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<th>20</th>
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<tbody>
<tr>
<td>Flown:</td>
<td>44% (23/52)</td>
<td>Green:</td>
<td>42% (22/52)</td>
<td>Yellow:</td>
<td>2% (1/52)</td>
<td>Red:</td>
<td>0% (0/52)</td>
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**WLOU**

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|
| Flown: | 0% (0/14) | Green: | 0% (0/14) | Yellow: | 0% (0/14) | Red: | 0% (0/14) |
Weather Forecast

<table>
<thead>
<tr>
<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>
<th>Sun 8/12</th>
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<tbody>
<tr>
<td>75°</td>
<td>56° F</td>
<td>80°</td>
<td>57° F</td>
<td>83°</td>
<td>57° F</td>
<td>84°</td>
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PM Thunderstorms 0.21 in
Mostly Sunny 0 in
Mostly Sunny 0 in
Mostly Sunny 0 in
Sunny 0 in
Sunny 0 in
Sunny 0 in

Flight Collection Plan for 06 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), Abe Morrison (NIS)