August 8, 2018 Payload 3 Daily Flight Report

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

Domain: 13
Sites Flown: None
Days left in Domain: 09

Report Author: Cameron Chapman
Flight Crew: Cameron Chapman, Abe Morrison
Ground/GPS: Mitch Haynes
Pilots: Grant Frost, Stephen Brawders
Additional Personnel: None
GPS Instruments:

Summary
The morning weather started promising however clouds and precipitation quickly moved into the region before the acceptable solar angle of the survey areas.

Concerns
None

Comments
None

Cumulative Domain Coverage

MOAB

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

NIWO

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

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

The flight crew watches from the NEON Hangar as clear skies quickly turn overcast

Weather Forecast
Boulder CO

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<tr>
<th>Thu 8/9</th>
<th>Fri 8/10</th>
<th>Sat 8/11</th>
<th>Sun 8/12</th>
<th>Mon 8/13</th>
<th>Tue 8/14</th>
<th>Wed 8/15</th>
<th>Thu 8/16</th>
<th>Fri 8/17</th>
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<tr>
<td>86°</td>
<td>61° F</td>
<td>85°</td>
<td>58° F</td>
<td>88°</td>
<td>59° F</td>
<td>84°</td>
<td>59° F</td>
<td>82°</td>
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<td>Mostly Sunny</td>
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Flight Collection Plan for 09 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: Abe Morrison (Lidar), Cameron Chapman (NIS) Mitch Haynes (Ground)