March 19, 2019 Payload 2 Daily Flight Report

Date: 2019-03-19
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 00
Sites Flown: None
Days left in Domain: 5

Report Author: Cameron Chapman
Flight Crew: None
Flight Hours: 00:00
Ground/GPS: None
Hours until maintenance: 109.92
Pilots: Mike Francis, Jeff Quintanilla
Additional Personnel: None
GPS Instruments: None

Summary
A very cloudy day over Boulder and surrounding areas. No flights were attempted.

Concerns: None

Comments
AOP held its annual Flight Season Kickoff Breakfast today! The aircraft is scheduled to depart for D17 Sunday March 24.

Pictures
The AOP team gathered to celebrate the commencement of the 2019 flight season! Cheers to “Green” data this year!! (Photo by Nick M)
## Cumulative Domain Coverage

### BLKF

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
</table>

- **Flown:** 100% (9/9)
- **Green:** 100% (9/9)
- **Yellow:** 0% (0/9)
- **Red:** 0% (0/0)

### B10B

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

- **Flown:** 100% (20/20)
- **Green:** 100% (20/20)
- **Yellow:** 0% (0/20)
- **Red:** 0% (0/20)

### H10B

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
</table>

- **Flown:** 100% (4/4)
- **Green:** 0% (0/4)
- **Yellow:** 0% (0/4)
- **Red:** 100% (4/4)

### O10A

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
</tr>
</thead>
</table>

- **Flown:** 500% (10/2)
- **Green:** 200% (4/2)
- **Yellow:** 300% (6/2)
- **Red:** 0% (0/2)

### R10B

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
</table>

- **Flown:** 100% (5/5)
- **Green:** 100% (5/5)
- **Yellow:** 0% (0/5)
- **Red:** 0% (0/5)

### W10B

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
</tr>
</thead>
</table>

- **Flown:** 100% (2/2)
- **Green:** 0% (0/2)
- **Yellow:** 0% (0/2)
- **Red:** 100% (2/2)

### N10C

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
</tr>
</thead>
</table>

- **Flown:** 100% (14/14)
- **Green:** 0% (0/14)
- **Yellow:** 0% (0/14)
- **Red:** 100% (14/14)
Weather Forecast
Boulder, CO

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>54°</td>
<td>30° F</td>
<td>53°</td>
<td>36° F</td>
<td>53°</td>
<td>36° F</td>
</tr>
<tr>
<td></td>
<td>Sunny</td>
<td>Mostly Cloudy</td>
<td>Sunny 0 in</td>
<td>Mostly Cloudy 0 in</td>
<td>Partly Cloudy</td>
<td>0 in</td>
</tr>
</tbody>
</table>

Fresno, CA

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>57°</td>
<td>50° F</td>
<td>68°</td>
<td>51° F</td>
<td>67°</td>
<td>44° F</td>
<td>70°</td>
<td>46° F</td>
</tr>
<tr>
<td></td>
<td>Partly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Cloudy</td>
<td>0.07 in</td>
<td>0.21 in</td>
<td>0.0 in</td>
</tr>
<tr>
<td></td>
<td>2.14 in</td>
<td>0.14 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
<tr>
<td></td>
<td>78%</td>
<td>16% in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

Flight Collection Plan for 20 March 2019

Flyority 1
Collection Area: Radiometric Calibration - Table Mountain
Flight Plan Name: D10_R10A_Radiometric_Calibration_Table_Mountain_v1.pln
On Station Time: 1220 Local / 1820 UTC (45 deg)
Crew: Lidar: Bridget Hass  Nis: Mike Wussow Ground: Robb Walker

Flyority 2
Training Flight (If necessary)
Collection Area: Boulder City Nominal Science Flight
Flight Plan Name: D10_V10C_Boulder_City_v6.pln
On Station Time: 1100 Local / 1700 UTC (45 deg)
Crew: Lidar: Bridget Hass  Nis: Mike Wussow Ground: Robb Walker