Payload 3 Daily Flight Report

Date: 2022-07-02
Flight Campaign ID: P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N70AR

Domain: 10 (Central Plains)
Sites Flown: None
Days left in Domain: 26

Report Author: Matt
Lidar Operators: Matt
Flight Hours: 00:00
Spectrometer Operators: John
Hours until maintenance: 27.92
Pilots: Vince, Brent
Ground Crew: Abe

Summary: Deployed GPS and mobile tower camera to the ARIK site. Shipped Raid #6 to data center

Concerns: None

Comments: None

Cumulative Domain Coverage

D10|ARIK (Arikaree River )

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

D10|CTWD_BOX ()

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Yellow: 0% (0/3)
Red: 0% (0/3)

D10|CTWD_LINES ()

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Yellow: 0% (0/21)
Red: 0% (0/21)

D10|RMNP (Rocky Mountain National Park Priority 1 )
| 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% (0/39)
Green: 0% (0/39)
Yellow: 0% (0/39)
Red: 0% (0/39)

### Weather Forecast

#### Boulder, CO

<table>
<thead>
<tr>
<th>Sun 7/3</th>
<th>Mon 7/4</th>
<th>Tue 7/5</th>
<th>Wed 7/6</th>
<th>Thu 7/7</th>
<th>Fri 7/8</th>
<th>Sat 7/9</th>
</tr>
</thead>
<tbody>
<tr>
<td>88°</td>
<td>8°</td>
<td>Cloudy</td>
<td>Partly Cloudy</td>
<td>80°</td>
<td>8°</td>
<td>Mostly Sunny</td>
</tr>
</tbody>
</table>

#### Allenspark, CO (RMNP)

<table>
<thead>
<tr>
<th>Sun 7/3</th>
<th>Mon 7/4</th>
<th>Tue 7/5</th>
<th>Wed 7/6</th>
<th>Thu 7/7</th>
<th>Fri 7/8</th>
<th>Sat 7/9</th>
</tr>
</thead>
<tbody>
<tr>
<td>70°</td>
<td>6°</td>
<td>Cloudy</td>
<td>Partly Cloudy</td>
<td>70°</td>
<td>6°</td>
<td>Mostly Sunny</td>
</tr>
</tbody>
</table>

#### Joes, CO (ARIK)

<table>
<thead>
<tr>
<th>Sun 7/3</th>
<th>Mon 7/4</th>
<th>Tue 7/5</th>
<th>Wed 7/6</th>
<th>Thu 7/7</th>
<th>Fri 7/8</th>
<th>Sat 7/9</th>
</tr>
</thead>
<tbody>
<tr>
<td>95°</td>
<td>6°</td>
<td>Cloudy</td>
<td>Partly Cloudy</td>
<td>88°</td>
<td>6°</td>
<td>Mostly Sunny</td>
</tr>
</tbody>
</table>

source: wunderground.com

Moab, UT (CTWD)
Flight Collection Plan for 3 July 2022

Flyority 1:
Collection Area: Rocky Mountain National Park (RMNP)
Flight plan name: D10_RMNP_R2_P1_v2_Q780
On-Station Time: 1530 UTC / 0930 L

Flyority 2:
Collection Area: Arikaree River (ARIK)
Flight plan name: D10_ARIK_A1_P2_v3_Q780
On-Station Time: 1510 UTC / 0910 L

Flyority 3:
Collection Area: Canyonlands 800m Flight Box (CTWD_BOX)
Flight plan name: D13_CTWD_CnynLnds_FB_800m_v1
On-Station Time: 1540 UTC / 0940 L

Flyority 4:
Collection Area: Canyonlands 1000m Flight Line (CTWD_LINES)
Flight Plan Flight plan name: D13_CTWD_CnynLnds_FL_v3
On-Station Time: 1540 UTC / 0940 L

Crew: Abe (Lidar), Matt (NIS), John (Ground)