Payload 3 Daily Flight Report

Date: 2022-07-16
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: 11

Report Author: Matt
Lidar Operators: Matt
Flight Hours: 00:00
Spectrometer Operators: Matt
Hours until maintenance: 117.0
Pilots: Magnus, Brent

Summary
No flights conducted today due to crew down day.

Concerns
None

Comments
None

Daily Coverage
None

Flight Screenshots
None

Pictures
None

Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>Domain</th>
<th>Coverage</th>
<th>Flown</th>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>D10</td>
<td>ARIK (Arikaree River)</td>
<td></td>
<td>63% (22/35)</td>
<td>63% (22/35)</td>
<td>0% (0/35)</td>
</tr>
<tr>
<td></td>
<td>CTWD BOX ()</td>
<td></td>
<td>100% (3/3)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Flown: 63% (22/35)
Green: 63% (22/35)
Yellow: 0% (0/35)
Red: 0% (0/35)
Green: 100% (3/3)
Yellow: 0% (0/3)
Red: 0% (0/3)

D10\ CTWD_LINES ()

Flown: 100% (21/21)
Green: 100% (21/21)
Yellow: 0% (0/21)
Red: 0% (0/21)

D10\ RMNP (Rocky Mountain National Park Priority 1)

Flown: 0% (0/39)
Green: 0% (0/39)
Yellow: 0% (0/39)
Red: 0% (0/39)

Weather Forecast
Sterling CO (STER)

Allenspark CO (RMNP)
Joe’s CO (ARIK)

<table>
<thead>
<tr>
<th></th>
<th>Sun 7/17</th>
<th>Mon 7/18</th>
<th>Tue 7/19</th>
<th>Wed 7/20</th>
<th>Thu 7/21</th>
<th>Fri 7/22</th>
<th>Sat 7/23</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp</td>
<td>98° F 67°F</td>
<td>103° F 69°F</td>
<td>101° F 64°F</td>
<td>96° F 66°F</td>
<td>97° F 66°F</td>
<td>99° F 66°F</td>
<td>98° F 66°F</td>
</tr>
<tr>
<td>Cond</td>
<td>Sunny 0 in</td>
<td>Mostly Sunny 0 in</td>
<td>Partly Cloudy 0 in</td>
<td>Mostly Sunny 0 in</td>
<td>Partly Cloudy 0.09 in</td>
<td>Mostly Sunny 0 in</td>
<td>Partly Cloudy 0 in</td>
</tr>
</tbody>
</table>

source: wunderground.com

Flight Collection Plan for July 17th 2022

Flyority 1:
Collection Area: Sterling Agricultural (STER)
Flight plan name: D10_STER_R1_P1_v3_Q780
On-Station Time: 1500 UTC / 0900 L

Flyority 2:
Collection Area: Rocky Mountain National Park (RMNP)
Flight plan name: D10_RMNP_R2_P1_v2_Q780
On-Station Time: 1530 UTC / 0930 L

Flyority 3:
Collection Area: Arikaree River (ARIK)
Flight plan name: D10_ARIK_A1_P2_v3_Q780
On-Station Time: 1520 UTC / 0920 L

Crew: Matt (Lidar), Cam (NIS)