Date: 2022-07-23
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: 4

Report Author: John
Lidar Operators: John
Flight Hours: 00:00
Spectrometer Operators: Cameron
Hours until maintenance: 101.93
Ground: Matt
Pilots: Justin, Brent

Summary: Continued presence of clouds kept us from collecting RNMP under Green conditions.

Concerns: None

Comments: Begun logistics work for the transit to D01.

Daily Coverage
Estimated Cloud Cover Key

| Green: 0-10% | Yellow: 11-50% | Red: >50% |

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage
D10|ARIK (Arikaree River )

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
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<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
</tr>
</thead>
</table>
| Flown: 100% (35/35)
Green: 100% (35/35)
Yellow: 0% (0/35)
Red: 0% (0/35)

D10|CTWD_BOX ()

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
</table>
| Flown: 100% (3/3)
Green: 100% (3/3)
### 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)

### D10|STER (Sterling Agricultural Site )

- **Flown:** 100% (25/25)
- **Green:** 100% (25/25)
- **Yellow:** 0% (0/25)
- **Red:** 0% (0/25)

### Weather Forecast

**Allenspark, CO (RMNP)**

<table>
<thead>
<tr>
<th>Date</th>
<th>Conditions</th>
<th>High (°F)</th>
<th>Low (°F)</th>
<th>Chance of Precip. (%)</th>
<th>Cloud Cover (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun 7/24</td>
<td>Thunderstorms</td>
<td>64</td>
<td>52</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>Mon 7/25</td>
<td>Partly Cloudy</td>
<td>75</td>
<td>65</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>Tue 7/26</td>
<td>PM</td>
<td>72</td>
<td>53</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>Wed 7/27</td>
<td>PM</td>
<td>71</td>
<td>52</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>Thu 7/28</td>
<td>Thunderstorms</td>
<td>65</td>
<td>51</td>
<td>0%</td>
<td></td>
</tr>
</tbody>
</table>

- **Cloud Cover (%)**
- **Chance of Precip. (%)**

*source: wunderground.com*

### Flight Collection Plan for July 24th 2022

**Flyority 1:**

- **Collection Area:** Rocky Mountain National Park (RMNP)
- **Flight plan name:** D10_RMNP_R2_P1_v2_Q780
- **On-Station Time:** 1510 UTC / 0910 L

**Crew:** Cameron (Lidar), John (NIS), Matt (Ground)