Date: 2022-07-18
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: 9

Report Author: Cameron
Lidar Operators: Cameron            Flight Hours: 00:00
Spectrometer Operators: Matt     Hours until maintenance: 8.33
Pilots: Justin, Brent

Summary
Cloudy weather kept the aircraft grounded today. No flights were conducted.

Concerns
None

Comments
None

Daily Coverage

Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th>Green: 0-10%</th>
<th>Yellow: 11-50%</th>
<th>Red: &gt;50%</th>
</tr>
</thead>
</table>

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

D10|ARIK (Arikaree River )

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|21|22|23|24|25|26|27|28|29|30|31|32|33|34|35|

Flown: 63% (22/35)
Green: 63% (22/35)
Yellow: 0% (0/35)
Red: 0% (0/35)
### CTWD BOX

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

### CTWD LINES

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

### RMNP (Rocky Mountain National Park Priority 1)

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

### STER (Sterling Agricultural Site)

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

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**Weather Forecast**  
**Joe’s, CO**

<table>
<thead>
<tr>
<th>Day</th>
<th>Temperature</th>
<th>Weather</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tue 7/19</td>
<td>99°</td>
<td>65°F</td>
</tr>
<tr>
<td>Wed 7/20</td>
<td>97°</td>
<td>65°F</td>
</tr>
<tr>
<td>Thu 7/21</td>
<td>96°</td>
<td>66°F</td>
</tr>
<tr>
<td>Fri 7/22</td>
<td>102°</td>
<td>68°F</td>
</tr>
<tr>
<td>Sat 7/23</td>
<td>102°</td>
<td>66°F</td>
</tr>
<tr>
<td>Sun 7/24</td>
<td>95°</td>
<td>64°F</td>
</tr>
<tr>
<td>Mon 7/25</td>
<td>90°</td>
<td>63°F</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Day</th>
<th>Precipitation</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tue 7/19</td>
<td>0 in</td>
<td></td>
</tr>
<tr>
<td>Wed 7/20</td>
<td>0 in</td>
<td></td>
</tr>
<tr>
<td>Thu 7/21</td>
<td>0 in</td>
<td></td>
</tr>
<tr>
<td>Fri 7/22</td>
<td>0 in</td>
<td></td>
</tr>
<tr>
<td>Sat 7/23</td>
<td>0 in</td>
<td></td>
</tr>
<tr>
<td>Sun 7/24</td>
<td>0.02 in</td>
<td></td>
</tr>
<tr>
<td>Mon 7/25</td>
<td>0 in</td>
<td></td>
</tr>
</tbody>
</table>
Flight Collection Plan for July 19th 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: 1520 UTC / 0920 L

Crew: Matt (Lidar), Cam (NIS)