Date: 2023-08-24
Flight Campaign ID: P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N934MU

Domain: 10 (Central Plains), 13 (Southern Rockies & Colorado Plateau)
Sites Flown: None
Days left in Domain: 2

Report Author: Mitch
Lidar Operators: Mitch
Flight Hours: 00:00
Spectrometer Operators: Cameron
Hours until maintenance: 73.07
Pilots: Justin, Will
Ground Crew: John

Summary
Crew mobilized to the airport this morning in an attempt to complete initial coverage of RMNP under non-green conditions, but received guidance that RMNP collections will extend till the end of the flight season to try to complete the box under green conditions. As a result, the plane stayed grounded and will wait till the green collect opportunity for RMNP to finish the box.

Concerns
None

Comments
None

Cumulative Domain Coverage

D10|ARIK (Arikaree River)

<table>
<thead>
<tr>
<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>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
<th>21</th>
<th>22</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td>32</td>
<td>33</td>
<td>34</td>
<td>35</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Flown: 100% (33/33)
Green: 100% (33/33)
Yellow: 0% (0/33)
Red: 0% (0/33)

D10|RMNP (Rocky Mountain National Park)

<table>
<thead>
<tr>
<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>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
<th>21</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td>32</td>
<td>33</td>
<td>34</td>
<td>35</td>
<td>36</td>
<td>37</td>
<td>38</td>
<td>39</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Flown: 89% (34/38)
Green: 68% (26/38)
Yellow: 18% (7/38)
Red: 3% (1/38)

D13|NIWO (Niwot Ridge Mountain Research Station)
Flown: 100% (51/51)
Green: 100% (51/51)
Yellow: 0% (0/51)
Red: 0% (0/51)

D13 | WLOU (West St. Louis Creek)
Flown: 100% (13/13)
Green: 100% (13/13)
Yellow: 0% (0/13)
Red: 0% (0/13)

Weather Forecast
Allenspark, CO (RMNP)

<table>
<thead>
<tr>
<th>Day</th>
<th>Weather Description</th>
<th>Temperature</th>
<th>Chance of Precip. (%)</th>
<th>Cloud Cover (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fri 8/25</td>
<td>Cloudy 56°</td>
<td>49°F</td>
<td>0.98 in</td>
<td></td>
</tr>
<tr>
<td>Sat 8/26</td>
<td>Thunderstorms 59°</td>
<td>51°F</td>
<td>0.21 in</td>
<td></td>
</tr>
<tr>
<td>Sun 8/27</td>
<td>Thunderstorms 67°</td>
<td>50°F</td>
<td>0.22 in</td>
<td></td>
</tr>
<tr>
<td>Mon 8/28</td>
<td>Thunderstorms 58°</td>
<td>47°F</td>
<td>0.28 in</td>
<td></td>
</tr>
<tr>
<td>Tue 8/29</td>
<td>Mostly Sunny 68°</td>
<td>51°F</td>
<td>0 in</td>
<td></td>
</tr>
<tr>
<td>Wed 8/30</td>
<td>Mostly Sunny 74°</td>
<td>54°F</td>
<td>0 in</td>
<td></td>
</tr>
<tr>
<td>Thu 8/31</td>
<td>PM Thunderstorms 73°</td>
<td>52°F</td>
<td>0.12 in</td>
<td></td>
</tr>
</tbody>
</table>

source: wunderground.com

Flight Collection Plan for August 25th, 2023

Flyority 1
Collection Area: Rocky Mountain National Park (RMNP)
Flight Plan Name: D10_RMNP_R2_P1_v2_Q780
On-Station Time: 16:00 UTC / 10:00 L

Crew: John (Lidar), Mitch (NIS), Cam (Ground)