Date: 2020-07-23
Flight Campaign ID: P2C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 13 (Southern Rockies & Colorado Plateau)
Sites Flown: None
Days left in Domain: 19

Report Author: Michael Wussow
Lidar Operators: Michael Wussow
Flight Hours: 00:00

Spectrometer Operators: John Adler
Hours until maintenance: 38.87

Pilots: Chad Evans, Stephen Brawders
GPS Instruments: None

Ground Crew: Robb Walker

Summary
A typical scenario for the Front Range and mountainous region was seen today: a hopeful morning quickly filled in with longstanding cumulus clouds. No flights attempted.

Concerns
None

Comments
None

Estimated Cloud Cover Key
| Green: 0-10% | Yellow: 11-50% | Red: >50% |

Cumulative Domain Coverage

D13 | NIWO (Niwot Ridge Mountain Research Station)

| 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 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 |

Flown: 48% (25/52)
Green: 48% (25/52)
Yellow: 0% (0/52)
Red: 0% (0/52)

D13 | WLOU (West St. Louis Creek)

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
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<th>5</th>
<th>6</th>
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</tbody>
</table>
| Flown: 0% (0/14)
Green: 0% (0/14)
Yellow: 0% (0/14)
Red: 0% (0/14)
### Weather Forecast
**Nederland, CO (NIWO)**

<table>
<thead>
<tr>
<th></th>
<th>Fri 7/24</th>
<th>Sat 7/25</th>
<th>Sun 7/26</th>
<th>Mon 7/27</th>
<th>Tue 7/28</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp</td>
<td>68°</td>
<td>71°</td>
<td>65°</td>
<td>57°</td>
<td>69°</td>
</tr>
<tr>
<td>Cond.</td>
<td>PM Thunderstorms</td>
<td>PM Thunderstorms</td>
<td>PM Thunderstorms</td>
<td>Scattered Thunderstorms</td>
<td>Scattered Thunderstorms</td>
</tr>
<tr>
<td>Rain</td>
<td>0.21 in</td>
<td>0.1 in</td>
<td>0.23 in</td>
<td>0.12 in</td>
<td>0.21 in</td>
</tr>
</tbody>
</table>

### Fraser, CO (WLOU)

<table>
<thead>
<tr>
<th></th>
<th>Fri 7/24</th>
<th>Sat 7/25</th>
<th>Sun 7/26</th>
<th>Mon 7/27</th>
<th>Tue 7/28</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp</td>
<td>64°</td>
<td>70°</td>
<td>66°</td>
<td>67°</td>
<td>69°</td>
</tr>
<tr>
<td>Cond.</td>
<td>PM Thunderstorms</td>
<td>PM Thunderstorms</td>
<td>PM Thunderstorms</td>
<td>Scattered Thunderstorms</td>
<td>PM Thunderstorms</td>
</tr>
<tr>
<td>Rain</td>
<td>0.28 in</td>
<td>0.07 in</td>
<td>0.15 in</td>
<td>0.07 in</td>
<td>0.2 in</td>
</tr>
</tbody>
</table>

### Flight Collection Plan for 24 July 2020

**Flyority 1**

Collection Area: Niwot Ridge Mountain Research Station (NIWO), Lines 2-28
Flight Plan Name: D13_NIWO_C1_P1_v4.pln
On-station Time: 0940 – 1640 Local / 1540 – 2240 UTC

**Flyority 2**

Collection Area: West St Louis Creek (WLOU)
Flight Plan Name: D13_WLOU_A1_P1_v1.pln
On-station Time: 0940 – 1640 Local / 1540 – 2240 UTC

Crew Members: John (Lidar), Robb (NIS), Ivana (Ground)
Flight Collection Plan for 25 July 2020
Same as Previous Day
Crew Members: Robb (Lidar), John (NIS), Ivana (Ground)

Flight Collection Plan for 26 July 2020
Same as Previous Day
Crew Members: John (Lidar), Robb (NIS), Ivana (Ground)