Date: 2020-07-18
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: 24

Report Author: Ivana Vu
Lidar Operators: Ivana Vu
Spectrometer Operators: Robb Walker
Pilots: Stephen Brawders, Will Matthews
Ground Crew: Michael Wussow

Flight Hours: 00:00
Hours until maintenance: 42.73
GPS Instruments: None

Summary
Like yesterday, there appeared to be a potential window for data collection this morning, however clouds quickly developed and prevented flights throughout the day.

Concerns
None

Comments
Pilot Chad Evans arrived to replace Will Matthews. Thanks Will and welcome back Chad!

Daily Coverage
None

Cumulative Domain Coverage

### D13|NIWO (Niwot Ridge Mountain Research Station)

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

### D13|WLOU (West St. Louis Creek)

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|

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>Date</th>
<th>High/Fahrenheit (°F)</th>
<th>Low/Fahrenheit (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun 7/19</td>
<td>74°F</td>
<td>56°F</td>
</tr>
<tr>
<td>Mon 7/20</td>
<td>76°F</td>
<td>55°F</td>
</tr>
<tr>
<td>Tue 7/21</td>
<td>72°F</td>
<td>55°F</td>
</tr>
<tr>
<td>Wed 7/22</td>
<td>73°F</td>
<td>54°F</td>
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<tr>
<td>Thu 7/23</td>
<td>75°F</td>
<td>56°F</td>
</tr>
<tr>
<td>Fri 7/24</td>
<td>73°F</td>
<td>55°F</td>
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</tbody>
</table>

Cloud Cover (%)

Chance of Precip. (%)

Fraser, CO (WLOU)

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<tbody>
<tr>
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<td>74°F</td>
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</tr>
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<td>50°F</td>
</tr>
<tr>
<td>Fri 7/24</td>
<td>71°F</td>
<td>49°F</td>
</tr>
</tbody>
</table>

Cloud Cover (%)

Chance of Precip. (%)

Flight Collection Plan for 19 July 2020
Flyority 1
Collection Area: Niwot Ridge Mountain Research Station (NIWO)
Flight Plan Name: D13_NIWO_C1_P1_v4.pln
On-station Time: 0930 – 1640 Local / 1530 – 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: Robb (Lidar), Ivana (NIS), Mike (Ground)

Flight Collection Plan for 20 July 2020
Flyority: Same as previous day
Crew: Ivana (Lidar), Robb (NIS), Mike (Ground)