Date: 2020-08-05
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: 6

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

Flight Hours: 00:00
Hours until maintenance: 31.53
GPS Instruments: 05 - NIWO, AOP_KBDU

Summary
The day looked promising this morning, as the sun rose and clouds began to dissipate. Crew mobilized to be ready for any opportunity, however small, to collect remaining lines under green conditions. After towing out high cirrus began to move in over all sites followed by cumulus. No flights conducted.

Concerns
None

Comments
None

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

D13|NIWO (Niwot Ridge Mountain Research Station)

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Flown: 73% (38/52)
Green: 73% (38/52)
Yellow: 0% (0/52)
Red: 0% (0/52)

D13|WLOU (West St. Louis Creek)

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Flown: 100% (14/14)
Green: 57% (8/14)
Yellow: 43% (6/14)
Red: 0% (0/14)
**Weather Forecast**
Nederland, CO

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<tr>
<th>Thu 8/6</th>
<th>Fri 8/7</th>
<th>Sat 8/8</th>
<th>Sun 8/9</th>
<th>Mon 8/10</th>
<th>Tue 8/11</th>
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<tr>
<td>76°</td>
<td>57°F</td>
<td>77°</td>
<td>57°F</td>
<td>77°</td>
<td>55°F</td>
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Partly Cloudy          Mostly Sunny          Mostly Sunny          Mostly Sunny          Mostly Sunny          Partly Cloudy

0 in          0 in          0 in          0 in          0 in          0 in


Fraser, CO

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<th>Fri 8/7</th>
<th>Sat 8/8</th>
<th>Sun 8/9</th>
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<td>75°</td>
<td>52°F</td>
<td>75°</td>
<td>51°F</td>
<td>75°</td>
<td>50°F</td>
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</tbody>
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Partly Cloudy          Mostly Sunny          Mostly Sunny          Mostly Sunny          Mostly Sunny          Partly Cloudy

0 in          0 in          0 in          0 in          0 in          0 in


**Flight Collection Plan for 06 August 2020**

**Flyority 1**
Collection Area: Niwot Ridge Mountain Research Station (NIWO), Lines 5-19
Flight Plan Name: D13_NIWO_C1_P1_v4.pln
On-station Time: 0950 – 1630 Local / 1550 – 2230 UTC

**Flyority 2**
Collection Area: West St Louis Creek (WLOU), Lines 10-14 if conditions are “green”
Flight Plan Name: D13_WLOU_A1_P1_v1.pln
On-station Time: 0950 – 1630 Local / 1550 – 2230 UTC
Crew Members: Ivana (Lidar), Robb (NIS), Mike (Ground)

**Flight Collection Plan for 07 August 2020**
Flyority: Same as Previous Day
Crew Members: Robb (Lidar), Ivana (NIS), Mike (Ground)