Payload 2 Daily Flight Report

Date: 2020-08-02
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: 09

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

Flight Hours: 00:00
Hours until maintenance: 32.45
GPS Instruments: None

Summary
A band of cirrus streamed over the northern Colorado Rockies this morning before cumulus clouds and thunderstorms developed later in the day. No flights were conducted.

Concerns
None

Comments
None

Pictures

Skies this morning seen from Nederland, CO. Photo by John Adler
Daily Coverage

Estimated Cloud Cover Key

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

Cumulative Domain Coverage
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

<table>
<thead>
<tr>
<th>Mon 8/3</th>
<th>Tue 8/4</th>
<th>Wed 8/5</th>
<th>Thu 8/6</th>
<th>Fri 8/7</th>
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</thead>
<tbody>
<tr>
<td>75°</td>
<td>55°F</td>
<td>77°</td>
<td>54°F</td>
<td>75°</td>
</tr>
<tr>
<td>PM</td>
<td>Thunderstorms</td>
<td>PM</td>
<td>Thunderstorms</td>
<td>PM</td>
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Fraser, CO

<table>
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<th>Tue 8/4</th>
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<th>Thu 8/6</th>
<th>Fri 8/7</th>
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<tbody>
<tr>
<td>77°</td>
<td>52°F</td>
<td>75°</td>
<td>50°F</td>
<td>76°</td>
</tr>
<tr>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
</tr>
</tbody>
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Flight Collection Plan for 03 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: 0940 – 1640 Local / 1540 – 2240 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 – 1640 Local / 1550 – 2240 UTC
Crew Members: John (Lidar), Mike (NIS), Robb (Ground)

Flight Collection Plan for 04 August 2020
Flyority: Same as Previous Day
Crew Members: Mike (Lidar), John (NIS), Robb (Ground)