Date: 2019-08-22
Flight Campaign ID: 2019_P3C1
Airport, FBO ID, City: Boulder Municipal Airport - Boulder, CO

Domain: 13
Sites Flown: None
Days left in Domain: 4

Report Author: Nick Marusich
Flight Crew: Nick Marusich, Matt Devoe
Ground/GPS: None
Pilots: Chad Evans, Shelby Schulz
Additional Personnel: None
GPS Instruments: None

Flight Hours: 0.0
Hours until maintenance: 49.13

Summary
A forecasted front moved from Utah obscuring the skies in D13. No flights were attempted. GPS-4 was deployed to WLOU for potential collections on Monday. Many thanks to the YMCA of the Rockies for allowing the deployment.

Concerns - None

Comments
Robb Walker and Michael Wussow are rotating in from Alaska.

Flight Screenshots - None

Pictures -

GPS deployed for WLOU collections.
Daily Coverage - None

Cumulative Domain Coverage

**MOAB**

<table>
<thead>
<tr>
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</tbody>
</table>
Flown: 100% (29/29)
Green:  79% (23/29)
Yellow:  55% (16/29)
Red:   0% (0/29)

**NIWO**

|   | 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|   |    |    |    |    |    |    |    |    |    |    |    |    |
Flown: 79% (41/52)
Green:  54% (28/52)
Yellow:  33% (17/52)
Red:   0% (0/52)

**Weather Forecast**

**Nederland, CO (NIWO)**

<table>
<thead>
<tr>
<th>Thu 8/22</th>
<th>Fri 8/23</th>
<th>Sat 8/24</th>
<th>Sun 8/25</th>
<th>Mon 8/26</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mostly Cloudy</td>
<td>Cloudy</td>
<td>Mostly Cloudy</td>
<td>Sunny</td>
<td>Sunny</td>
</tr>
<tr>
<td>74°F</td>
<td>72°F</td>
<td>70°F</td>
<td>79°F</td>
<td>81°F</td>
</tr>
</tbody>
</table>

**Moab, UT (MOAB)**

<table>
<thead>
<tr>
<th>Thu 8/22</th>
<th>Fri 8/23</th>
<th>Sat 8/24</th>
<th>Sun 8/25</th>
<th>Mon 8/26</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mostly Cloudy</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Sunny</td>
<td>Sunny</td>
</tr>
<tr>
<td>55°F</td>
<td>89°F</td>
<td>102°F</td>
<td>102°F</td>
<td>99°F</td>
</tr>
</tbody>
</table>
Flight Collection Plan for 23 August 2019

Crew: Matt DeVoe (Lidar), Robb Walker (NIS), Michael Wussow (Ground)

Flyority 1
Collection Area: Niwot Ridge Mountain Research Station (NIWO)
Flight Plan Name: D13_NIWO_C1_P1_v5_Q780
On-Station Time: 1600 – 2220 UTC / 1000 – 1620 L

Flyority 2
Collection Area: Moab (MOAB)
Flight Plan Name: D13_MOAB_R1_P1_v3_Q780
On-Station Time: 1610 – 2240 UTC / 1010 – 1640 L

Flyority 3
Collection Area: Western St Louis Creek (WLOU))
Flight Plan Name: D13_WLOU_A1_P1_v1_Q780
On-Station Time: 1550 – 2210 UTC / 0950 – 1610 L