Payload 3 Daily Flight Report

Date: 2023-08-01
Flight Campaign ID: P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N934MU

Domain: 10 (Central Plains)
Sites Flown: None
Days left in Domain: 25

Report Author: John
Lidar Operators: John
Spectrometer Operators: Nick
Pilots: Justin, Shane
Ground Crew: Matt

Flight Hours: 0.0
Hours until maintenance: 92.32

Summary
High levels of cloud coverage kept us from conducting any mission flights today.

Concerns
None.

Comments
None.

Cumulative Domain Coverage

D10|ARIK (Arikaree River)

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D10|RMNP (Rocky Mountain National Park)

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<td>Flown:</td>
<td>18% (7/39)</td>
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<td>Yellow:</td>
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</table>
Flown: 4% (2/52)
Green: 0% (0/52)
Yellow: 4% (2/52)
Red: 0% (0/52)

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>Wed 8/2</th>
<th>Thu 8/3</th>
<th>Fri 8/4</th>
<th>Sat 8/5</th>
<th>Sun 8/6</th>
<th>Mon 8/7</th>
<th>Tue 8/8</th>
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<tbody>
<tr>
<td>70°</td>
<td>54°F</td>
<td>72°</td>
<td>53°F</td>
<td>72°</td>
<td>52°F</td>
<td>72°</td>
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Allenspark, CO (RMNP)

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<th>Wed 8/2</th>
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<th>Fri 8/4</th>
<th>Sat 8/5</th>
<th>Sun 8/6</th>
<th>Mon 8/7</th>
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<tbody>
<tr>
<td>67°</td>
<td>83°F</td>
<td>71°</td>
<td>82°F</td>
<td>71°</td>
<td>81°F</td>
<td>70°</td>
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Fraser, CO (WLOU)

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<th>Wed 8/2</th>
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<th>Fri 8/4</th>
<th>Sat 8/5</th>
<th>Sun 8/6</th>
<th>Mon 8/7</th>
<th>Tue 8/8</th>
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</thead>
<tbody>
<tr>
<td>70°</td>
<td>52°F</td>
<td>72°</td>
<td>50°F</td>
<td>72°</td>
<td>49°F</td>
<td>72°</td>
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Flight Collection Plan for August 1st 2023

Flyority 1
Collection Area: Niwot Ridge Mountain Research Station (NIWO)
Flight Plan Name: D13_NIWO_C1_P1_v5_Q780
On-Station Time: 15:40 UTC / 09:40 L

Flyority 2
Collection Area: Rocky Mountain National Park (RMNP)
Flight Plan Name: D10_RMNP_R2_P1_v2_Q780
On-Station Time: 15:40 UTC / 09:40 L

Flyority 3
Collection Area: West St. Louis Creek (WLOU)
Flight Plan Name: D13_WLOU_A1_P1_Q780
On-Station Time: 15:40 UTC / 09:40 L

Flyority 4
Collection Area: Arikaree River (ARIK)
Flight Plan Name: D10_ARIK_A1_P2_v3_Q780
On-Station Time: 15:30 UTC / 09:30 L

Crew: Matt (Lidar), John (NIS), Nick (Ground)