Date: 2022-07-25
Flight Campaign ID: P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N70AR

Domain: 10 (Central Plains)
Sites Flown: RMNP (Rocky Mountain National Park Priority 1)
Days left in Domain: 2

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

Flight Hours: 03:31
Hours until maintenance: 98.42

Summary
The crew completed 20 lines at the RMNP site under red conditions.

Concerns
None

Comments
None

Daily Coverage

Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th>Green: 0-10%</th>
<th>Yellow: 11-50%</th>
<th>Red: &gt;50%</th>
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D10|RMNP

<table>
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<tr>
<th>Line #</th>
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Total number of lines flown: 20
Flight Screenshots

Cumulative Domain Coverage

D10|ARIK (Arikaree River)

Flown: 100% (35/35)
Green: 100% (35/35)
Yellow: 0% (0/35)
Red: 0% (0/35)

D10|CTWD_BOX()

Flown: 100% (3/3)
Green: 100% (3/3)
Yellow: 0% (0/3)
Red: 0% (0/3)

D10|CTWD_LINES()

Flown: 100% (21/21)
Green: 100% (21/21)
Yellow: 0% (0/21)
Red: 0% (0/21)

D10|RMNP (Rocky Mountain National Park Priority 1)

Flown: 54% (21/39)
Green: 0% (0/39)
Yellow: 0% (0/39)
Red: 54% (21/39)
D10 | STER (Sterling Agricultural Site)

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- Flown: 100% (25/25)
- Green: 100% (25/25)
- Yellow: 0% (0/25)
- Red: 0% (0/25)

**Weather Forecast**

**Allenspark, CO (RMNP)**

![Weather Forecast Chart](source: wunderground.com)

**Flight Collection Plan for July 26th 2022**

- **Flyority 1:**
  - Collection Area: Rocky Mountain National Park (RMNP)
  - Flight plan name: D10_RMNP_R2_P1_v2_Q780
  - On-Station Time: 1510 UTC / 0910 L

- **Crew:** John (Lidar), Matt (NIS)