Payload 3 Daily Flight Report

Date: 2023-07-13
Flight Campaign ID: P3C1
Airport, FBO ID, City: Bozeman Yellowstone International Airport (KBZN) - Belgrade, MT
Aircraft: N934MU

Domain: 12 (Northern Rockies)
Sites Flown: None
Days left in Domain: 7

Report Author: Mike
Lidar Operators: Mike
Flight Hours: 00:00
Spectrometer Operators: Mitch
Hours until maintenance: 105.85
Pilots: Justin, Will
GPS Instruments: None

Summary
Cumulus clouds dominated the flight area today and no flights were conducted.

Concerns
None

Comments
-GPS data for the past two days of surveying was retrieved and uploaded today.
-Crew made a visit to the hangar this evening to shuffle aircraft around with the permanent tenants.

Daily Coverage
Estimated Cloud Cover Key

<table>
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<tr>
<th>Green: 0-10%</th>
<th>Yellow: 11-50%</th>
<th>Red: &gt;50%</th>
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Cumulative Domain Coverage
D12|YELL (Yellowstone Northern Range)

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Flown: 35% (30/85)
Green: 33% (28/85)
Yellow: 2% (2/85)
Red: 0% (0/85)
*collected outside of 40° solar angle
**Weather Forecast**  
Gardiner, MT (YELL)

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<tr>
<th></th>
<th>Fri 7/14</th>
<th>Sat 7/15</th>
<th>Sun 7/16</th>
<th>Mon 7/17</th>
<th>Tue 7/18</th>
<th>Wed 7/19</th>
<th>Thu 7/20</th>
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<tbody>
<tr>
<td>Temp</td>
<td>79°F</td>
<td>84°F</td>
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<td>91°F</td>
<td>86°F</td>
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<td>Humidity</td>
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source: wunderground.com

**Flight Collection Plan for July 14, 2023**

**Flyority 1 (If Green)**  
Collection Area: Yellowstone Northern Range (YELL)  
Flight Plan Name: D12_YELL_C1_P1_v3_Q780  
On-Station Time: 16:00 UTC/ 10:00 L

**Crew:** Mitch (Lidar), Mike (NIS)