Payload 3 Daily Flight Report

Date: 2023-07-08
Flight Campaign ID: P3C1
Airport, FBO ID, City: Bozeman Yellowstone International Airport (KBZN) - Belgrade, MT
Aircraft: N934MU

Domain: 12 (Northern Rockies)
Sites Flown: 6

Report Author: Mitch
Lidar Operators: Mitch
Flight Hours: 00:00
Spectrometer Operators: Mike
Hours until maintenance: 110.42
Pilots: Justin, Will

Summary
Promising early morning with mostly clear skies over the region, however with forecasts indicating mid-morning cloud building, the crew decided to stay grounded to see what conditions would occur. Sure enough, cumulus clouds started appearing in the tower camera and on satellite imagery right as solar angle occurred. No flights were conducted.

Concerns
None

Comments
Cam departed D12 today after a long deployment. Thanks for the hard work and enjoy the time off, Cam!

Cumulative Domain Coverage
D12|YELL (Yellowstone Northern Range)

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Flown: 11% (9/85)
Green: 11% (9/85)
Yellow: 0% (0/85)
Red: 0% (0/85)
Weather Forecast
Gardiner, MT (YELL)

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<tr>
<th></th>
<th>Sun 7/9</th>
<th>Mon 7/10</th>
<th>Tue 7/11</th>
<th>Wed 7/12</th>
<th>Thu 7/13</th>
<th>Fri 7/14</th>
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<tbody>
<tr>
<td>Temp</td>
<td>81°</td>
<td>51°F</td>
<td>82°</td>
<td>48°F</td>
<td>82°</td>
<td>47°F</td>
<td>78°</td>
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<td>Cloud</td>
<td>Mostly Sunny</td>
<td>0 in</td>
<td>Mostly Sunny</td>
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<td>0 in</td>
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<td>Precip.</td>
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source: wunderground.com

Flight Collection Plan for July 9, 2023

Flyority 1
Collection Area: Yellowstone Northern Range (YELL)
Flight Plan Name: D12_YELL_C1_P1_v3_Q780
On-Station Time: 15:50 UTC/ 09:50 L

Crew: Mike (Lidar), Mitch (NIS)