Payload 3 Daily Flight Report

Date: 2023-07-16
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: 4

Report Author: Mitch
Lidar Operators: Mitch    Flight Hours: 00:00
Spectrometer Operators: Mike    Hours until maintenance: 102.98
Pilots: Justin, Will
Ground Crew: Elissa

Summary
A high strato-cirrus layer dominated the sky early, followed by afternoon cumulus cloud building. Smoke layer that was visible to the north yesterday diminished rapidly overnight as the low pressure system in Canada that was pushing smoke closer to us moved further to the east. No flights occurred.

Concerns
None

Comments
Crew rotation: Elissa joined the crew last night and Mike departs tomorrow.
Another aircraft reshuffling in our hangar occurred this morning, with yet another expected this evening.

Cumulative Domain Coverage

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<th>56% (48/85)</th>
<th>Green</th>
<th>53% (45/85)</th>
<th>Yellow</th>
<th>4% (3/85)</th>
<th>Red</th>
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Weather Forecast
Gardiner, MT (YELL)
Flight Collection Plan for July 17 2023

**Flyority 1**
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:** Elissa (Lidar), Mitch (NIS)