Payload 3 Daily Flight Report

Date: 2023-07-05
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: 10

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

Summary
Low clouds in the morning burned off only to give way to thick cumulus clouds. No flights conducted today.

Concerns
- After moving the aircraft again this afternoon, our GPU/power cord appeared to be malfunctioning and the plugs were very hot to the touch. Luckily the FBO’s GPU was nearby and is now being used. A replacement cord and GPU are being sent out.

Comments
- The crew went to airport this afternoon again to reposition the Twin Otter due to other departing aircraft the Otter was blocking.

Daily Coverage

Estimated Cloud Cover Key

| Green: 0-10% | Yellow: 11-50% | Red: >50% |

Cumulative Domain Coverage

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 41| 42| 43| 44| 45| 46| 47| 48| 49| 50| 51| 52| 53| 54| 55| 56| 57| 58| 59| 60| 61| 62| 63| 64| 65| 66| 67| 68| 69| 70| 71| 72| 73| 74| 75| 76| 77| 78| 79| 80|
| 81| 82| 83| 84| 85|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Flown: 11% (9/85)
Green: 11% (9/85)
Yellow: 0% (0/85)
Red: 0% (0/85)
Flight Collection Plan for July 6, 2023

Flyority 1 (If Green)
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: Cameron (Lidar), Mike (NIS)