Date: 2018-07-19
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Bozeman Yellowstone International Airport (KBZN) - Belgrade, MT

Domain: 12
Sites Flown: Transit (D16 to D12)
Days left in Domain: 5

Report Author: Abe Morrison
Flight Crew: Abe Morrison, Robb Walker
Ground/GPS: Cameron Chapman
Pilots: Grant Frost, Gina Moore
Additional Personnel:
GPS Instruments:

Summary
With the successful early completion of all sites in D16 the crew repositioned the Otter back to D12. With the remaining 5 days we will attempt to improve the flight lines that were not collected under green sky conditions. We would not have been able to make it back out to D12 had it not been for the huge effort of the HQ staff to process the data and get us the green light to transit. Thanks for working into the wee hours of the morning!!!

Concerns
None

Comments
--D16 GPS systems were shipped back to boulder (GPS 8 & 10)
--GPS system 9 went with the otter to D12
--Transited back to D12

Pictures

Mt Adams and Mt Rainier during transit to D12
Cumulative Domain Coverage

YELL

|   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Flown: 100% (85/85) |
| Green: 16% (14/85) |
| Yellow: 44% (37/85) |
| Red: 44% (37/85) |

Weather Forecast
Gardiner, MT (YELL)

<table>
<thead>
<tr>
<th>Fri 7/20</th>
<th>Sat 7/21</th>
<th>Sun 7/22</th>
<th>Mon 7/23</th>
<th>Tue 7/24</th>
<th>Wed 7/25</th>
<th>Thu 7/26</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunny</td>
<td>PM Thunderstorms</td>
<td>0 in</td>
<td>0.07 in</td>
<td>Sunny</td>
<td>Partly Cloudy</td>
<td>Sunny</td>
</tr>
<tr>
<td>90°</td>
<td>51° F</td>
<td>89°</td>
<td>52° F</td>
<td>86°</td>
<td>49° F</td>
<td>85°</td>
</tr>
</tbody>
</table>

- Cloud Cover (%)
- Chance of Precip. (%)
Flight Collection Plan for 20 July 2018
Flyority 1 (Flight Priority 1):
Collection Area: Yellowstone Northern Range (YELL) *If Green sky conditions*
Flight Plan Name: D12_YELL_C1_P1_v2_Q780
On-Station Time: 15:55 UTC / 0955 L:
Crew: Abe Morrison (Lidar), Robb Walker (NIS), Cameron Chapman (Ground)

Flight Collection Plan for 21 July 2018
Flyority 1 (Flight Priority 1):
Collection Area: Yellowstone Northern Range (YELL) *If Green sky conditions*
Flight Plan Name: D12_YELL_C1_P1_v2_Q780
On-Station Time: 15:55 UTC / 0955 L:
Crew: Cameron Chapman (Lidar), Abe Morrison (NIS), Robb Walker (Ground)