Date: 2020-07-08
Flight Campaign ID: P2C1
Airport, FBO ID, City: Bozeman Yellowstone International Airport (KBZN) - Belgrade, MT

Domain: 12 (Northern Rockies)
Sites Flown: None
Days left in Domain: 9

Report Author: Ivana Vu
Lidar Operators: Ivana Vu
Spectrometer Operators: John Adler
Pilots: Chad Evans, Will Matthews

Flight Hours: 00:00
Hours until maintenance: 61.62

Summary
Low cumulus clouds lingering at the site prevented flights today. The forecast for tomorrow looks promising for data collection.

Concerns

Comments
- Hg Lamp Test completed for D12
- RAID 2020_P2C1_04 failed verification because of recurring waveform extraction issue – Hotel Kit code was updated and Flight 2020070615 is currently being re-extracted
Cumulative Domain Coverage

Estimated Cloud Cover Key

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

D12|N12A (D12 Nominal Runway)

| Flown: 100% (1/1) | Green: 100% (1/1) | Yellow: 0% (0/1) | Red: 0% (0/1) |

D12|YELL (Yellowstone Northern Range)

| Flown: 28% (24/85) | Green: 14% (12/85) | Yellow: 14% (12/85) | Red: 0% (0/85) |

Weather Forecast

Gardiner, MT

<table>
<thead>
<tr>
<th>Thu 7/9</th>
<th>Fri 7/10</th>
<th>Sat 7/11</th>
<th>Sun 7/12</th>
<th>Mon 7/13</th>
<th>Tue 7/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>78°F</td>
<td>79°F</td>
<td>83°F</td>
<td>81°F</td>
<td>74°F</td>
<td>70°F</td>
</tr>
<tr>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Sunny</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
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<td>0 in</td>
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Flight Collection Plan for 8-17 July 2020

Flyority 1

Collection Area: Yellowstone Northern Range (YELL)
Flight Plan Name: D12_YELL_C1_P1_v4_650AGL_Max.pln
On-station Time: 0950 – 1700 Local / 1550 – 2300 UTC
Crew: John Adler and Ivana Vu