Payload 2 Daily Flight Report

Date: 2020-06-28
Flight Campaign ID: P2C1
Airport, FBO ID, City: Bismarck Municipal Airport (KBIS) - Bismarck, ND

Domain: 09 (Northern Plains)
Sites Flown: None
Days left in Domain: 4

Report Author: Robb Walker
Lidar Operators: Robb Walker
Spectrometer Operators: Michael Wussow   Hours until maintenance: 76.47
Pilots: Stephen Brawders, Chad Evans

Summary
Skies looked promising early this morning, but a stationary front began spinning off cirrus and intermittent cumulus into flight area as well as high winds. No flights conducted today.

Concerns
None

Comments
- Pilot Will Mathews departed today and has been replaced by Chad Evans. Thanks for all the hard work Will.
- Hg Lamp calibration collection was performed today.

Pictures

Skies over WOOD_DCFS flight box this morning
Cumulative Domain Coverage

Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th>Color</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>0-10%</td>
</tr>
<tr>
<td>Yellow</td>
<td>11-50%</td>
</tr>
<tr>
<td>Red</td>
<td>&gt;50%</td>
</tr>
</tbody>
</table>

D09|N09A (D09 Nominal Runway)

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

D09|NOGP (Northern Great Plains)

Flown: 100% (26/26)
Green: 88% (23/26)
Yellow: 12% (3/26)
Red: 0% (0/26)

D09|WOOD_DCFS (Woodworth and Dakota Coteau Field School)

Flown: 100% (54/54)
Green: 31% (17/54)
Yellow: 17% (9/54)
Red: 52% (28/54)

Weather Forecast
Bismarck, ND

<table>
<thead>
<tr>
<th>Date</th>
<th>Mon 6/29</th>
<th>Tue 6/30</th>
<th>Wed 7/1</th>
<th>Thu 7/2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>99°</td>
<td>71°F</td>
<td>84°</td>
<td>60°F</td>
</tr>
<tr>
<td></td>
<td>Mostly Sunny</td>
<td>PM Thunderstorms</td>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
</tr>
<tr>
<td></td>
<td>0 in</td>
<td>0.46 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>
Flight Collection Plan for 29-30 June 2020
Flyority 1
Collection Area: Woodworth (WOOD) – Dakota Coteau Field School (DCFS)
Flight Plan Name: D09_WOOD_DCFS_C1_P1_v3.pln
On-station Time: 1000 – 1720 Local / 1500 – 2220 UTC
*Lines 8-13, 19-38, and 46-54 if clear conditions exist