Payload 2 Daily Flight Report

Date: 2020-06-29
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: 3

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

Summary
A mixture of circulating cumulus, cirrus, and stratus clouds occupied the survey area. With possible “green-up” flights remaining, conditions were not suitable for a flight.

Concerns
None

Comments
None

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

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

Weather Forecast
Bismarck, ND

<table>
<thead>
<tr>
<th>Tue 6/30</th>
<th>Wed 7/1</th>
<th>Thu 7/2</th>
<th>Fri 7/3</th>
</tr>
</thead>
<tbody>
<tr>
<td>**86°F</td>
<td>58°F**</td>
<td>**85°F</td>
<td>62°F**</td>
</tr>
<tr>
<td>Heavy Thunderstorms</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
</tr>
<tr>
<td>0.97 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

Woodworth, ND

<table>
<thead>
<tr>
<th>Tue 6/30</th>
<th>Wed 7/1</th>
<th>Thu 7/2</th>
<th>Fri 7/3</th>
</tr>
</thead>
<tbody>
<tr>
<td>**86°F</td>
<td>61°F**</td>
<td>**82°F</td>
<td>61°F**</td>
</tr>
<tr>
<td>Mostly Cloudy</td>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
</tr>
<tr>
<td>1.03 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.02 in</td>
</tr>
</tbody>
</table>
Flight Collection Plan for 30 June – 01 July 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