Date: 2019-07-20
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK

Domain: 18
Sites Flown: None
Days left in Domain: 6

Report Author: Michael Wussow
Flight Crew: Michael Wussow, Robb Walker
Ground/GPS: None
Pilots: Stephen Brawders, Mark Solper
Additional Personnel: None
GPS Instruments: None

Flight Hours: 00:00
Hours until maintenance: 52.37

Summary
More rain, low clouds, and heavy winds continued today on the North Slope. No flights conducted.

Concerns
None

Comments
-Abe Morrison arrives this evening.

Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>BARR_P1</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
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<th>17</th>
<th>18</th>
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<td>21</td>
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<td>34</td>
<td>35</td>
<td></td>
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</tbody>
</table>

Flown: 100% (35/35)
Green: 0% (0/35)
Yellow: 100% (35/35)
Red: 0% (0/35)

<table>
<thead>
<tr>
<th>BARR_P2</th>
<th>36</th>
<th>37</th>
<th>38</th>
<th>39</th>
<th>40</th>
<th>41</th>
<th>42</th>
<th>43</th>
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<th>45</th>
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<th>47</th>
<th>48</th>
<th>49</th>
<th>50</th>
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</tbody>
</table>

Flown: 127% (19/15)
Green: 0% (0/15)
Yellow: 127% (19/15)
Red: 0% (0/15)

<table>
<thead>
<tr>
<th>N18A</th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)
### Weather Forecast

**Prudhoe Bay, AK (PASC)**

<table>
<thead>
<tr>
<th></th>
<th>Sun 7/21</th>
<th>Mon 7/22</th>
<th>Tue 7/23</th>
<th>Wed 7/24</th>
<th>Thu 7/25</th>
<th>Fri 7/26</th>
<th>Sat 7/27</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flown</td>
<td>53° F</td>
<td>60° F</td>
<td>50° F</td>
<td>56° F</td>
<td>62° F</td>
<td>60° F</td>
<td>58° F</td>
</tr>
<tr>
<td>Green</td>
<td>Showers</td>
<td>AM Clouds/PM Sun</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Mostly Cloudy</td>
</tr>
<tr>
<td></td>
<td>0.15 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.06 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

**Toolik Lake, AK (TOOL)**

<table>
<thead>
<tr>
<th></th>
<th>Sun 7/21</th>
<th>Mon 7/22</th>
<th>Tue 7/23</th>
<th>Wed 7/24</th>
<th>Thu 7/25</th>
<th>Fri 7/26</th>
<th>Sat 7/27</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flown</td>
<td>60° F</td>
<td>68° F</td>
<td>72° F</td>
<td>75° F</td>
<td>68° F</td>
<td>63° F</td>
<td>63° F</td>
</tr>
<tr>
<td>Green</td>
<td>Showers</td>
<td>Mostly Cloudy</td>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
<td>PM Showers</td>
<td>Showers</td>
<td>PM Showers</td>
</tr>
<tr>
<td></td>
<td>0.04 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.03 in</td>
<td>0.15 in</td>
<td>0.07 in</td>
<td>0.08 in</td>
</tr>
</tbody>
</table>

**Flown:** 90% (43/48)  
**Green:** 0% (0/48)  
**Yellow:** 23% (11/48)  
**Red:** 71% (34/48)
Flight Collection Plan for 21 July 2019

Flyority 1:
Collection Area: Toolik (TOOL)
Flight Plan Name: D18_TOOL_C1_P1_v1.pln
On-station Time: 1910 – 0100 UTC / 1040 – 1720 L (35° solar angle)
*Lines 1, 45-48

Flyority 2:
Collection Area: Barrow Environmental Observatory (BARR) - Priority 1 Flight Box
Flight Plan Name: D18_BARR_R1_P1_P2_P3_v4.pln
On-station Time: 2000 – 0100 UTC / 1130 – 1730 L (35° solar angle)
*Only if Green Conditions Exist

Flyority 3:
Collection Area: Barrow Environmental Observatory (BARR) - Priority 2 Flight Box
Flight Plan Name: D18_BARR_R1_P1_P2_P3_v4.pln
On-station Time: 2000 – 0100 UTC / 1130 – 1730 L (35° solar angle)
*Only if Green Conditions Exist

Flyority 4:
Collection Area: Barrow Environmental Observatory (BARR) - Priority 3 Flight Box
Flight Plan Name: D18_BARR_R1_P1_P2_P3_v4.pln
On-station Time: N/A
*Only if Green Conditions Exist

Flyority 5:
Collection Area: Nominal Runway – D18
Flight Plan Name: D18_N18A_Nominal_Runway_Test_v1.pln
On-station Time: N/A
Crew: Michael Wussow (Lidar), Robb Walker (NIS), Abe Morrison (Ground)

Flight Collection Plan for 22 July 2019

Flyority 1-5: Same as previously briefed
Crew: Abe Morrison (Lidar), Michael Wussow (NIS), Robb Walker (Ground)