Date: 2019-07-18
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK

Domain: 18
Sites Flown: None
Days left in Domain: 8

Report Author: Robb Walker
Flight Crew: Robb Walker, Michael Wussow
Flight Hours: 00:00
Ground/GPS: None
Hours until maintenance: 52.37
Pilots: Stephen Brawders, Mark Solper
Additional Personnel: None
GPS Instruments: None

Summary
IFR conditions this morning and low clouds at all sites today. No flights were conducted.

Concerns
None

Comments
None

Cumulative Domain Coverage

BARR_P1

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |

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

BARR_P2

<table>
<thead>
<tr>
<th>36</th>
<th>37</th>
<th>38</th>
<th>39</th>
<th>40</th>
<th>41</th>
<th>42</th>
<th>43</th>
<th>44</th>
<th>45</th>
<th>46</th>
<th>47</th>
<th>48</th>
<th>49</th>
<th>50</th>
</tr>
</thead>
</table>

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

N18A

<table>
<thead>
<tr>
<th>1</th>
</tr>
</thead>
</table>

Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)
Flown: 90% (43/48)
Green: 0% (0/48)
Yellow: 23% (11/48)
Red: 71% (34/48)

Weather Forecast
Prudhoe Bay, AK (PASC)

<table>
<thead>
<tr>
<th>Fri 7/19</th>
<th>Sat 7/20</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>
</tr>
</thead>
<tbody>
<tr>
<td>47°</td>
<td>44° F</td>
<td>51°</td>
<td>38° F</td>
<td>51°</td>
<td>47° F</td>
<td>52°</td>
</tr>
<tr>
<td>Mostly Cloudy</td>
<td>Rain/Wind</td>
<td>PM Showers</td>
<td>AM Showers</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td>0.03 in</td>
<td>0.23 in</td>
<td>0.15 in</td>
<td>0.02 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

Toolik Lake, AK (TOOL)

<table>
<thead>
<tr>
<th>Fri 7/19</th>
<th>Sat 7/20</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>
</tr>
</thead>
<tbody>
<tr>
<td>48°</td>
<td>42° F</td>
<td>45°</td>
<td>41° F</td>
<td>50°</td>
<td>45° F</td>
<td>51°</td>
</tr>
<tr>
<td>Cloudy</td>
<td>AM Rain</td>
<td>Showers</td>
<td>AM Showers</td>
<td>Mostly Cloudy</td>
<td>Partly Cloudy</td>
<td>Mostly Cloudy</td>
</tr>
<tr>
<td>0.15 in</td>
<td>0.1 in</td>
<td>0.19 in</td>
<td>0.05 in</td>
<td>0 in</td>
<td>0.07 in</td>
<td>0.02 in</td>
</tr>
</tbody>
</table>
Flight Collection Plan for 19 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: 2000 – 0100 UTC / 1130 – 1730 L (35° solar angle)
*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)

Flight Collection Plan for 20 July 2019
Flyority 1-5: Same as previously briefed
Crew: Robb Walker (Lidar), Michael Wussow (NIS)