July 12, 2018 Payload 2 Daily Flight Report

Date: 2018-07-12
Flight Campaign ID: 2018_P2C1
Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK

Domain: 18
Sites Flown: 13
Days left in Domain: 13

Report Author: Michael Wussow
Flight Crew: Michael Wussow, Abe Morrison
Ground/GPS: Ivana Vu
Pilots: Gian Carey, Hans Germann

Summary
Rain and low clouds in Toolik area and overcast conditions in Barrow precluded flights from occurring today.

Concern
None

Comments
- The Otter was moved to the east hangar today
- Ivana Vu departs for Boulder tonight
- Abe Morrison departs for Boulder tomorrow
- Nick Marusich and John Adler arrive in D18 tomorrow
- Michael Wussow is heading to Toolik Research Station to do drone filming of NEON sites

Flight Screenshots
None

Pictures
None

Daily Coverage
None

Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>BARR_P1</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>21</td>
</tr>
</tbody>
</table>

Flown: 66% (23/35)
Green: 9% (3/35)
Yellow: 54% (19/35)
Red: 9% (3/35)
BARR_P2

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flown: 0% (0/15)</td>
<td>Green: 0% (0/15)</td>
<td>Yellow: 0% (0/15)</td>
<td>Red: 0% (0/15)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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) |

TOOL

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td>32</td>
<td>33</td>
<td>34</td>
<td>35</td>
<td>36</td>
<td>37</td>
<td>38</td>
<td>39</td>
<td>40</td>
</tr>
<tr>
<td>41</td>
<td>42</td>
<td>43</td>
<td>44</td>
<td>45</td>
<td>46</td>
<td>47</td>
<td>48</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Flown: 31% (15/48) | Green: 0% (0/48) | Yellow: 0% (0/48) | Red: 31% (15/48) |

Weather Forecast
Prudhoe Bay, AK (FBO)

<table>
<thead>
<tr>
<th>Fri 7/13</th>
<th>Sat 7/14</th>
<th>Sun 7/15</th>
<th>Mon 7/16</th>
<th>Tue 7/17</th>
</tr>
</thead>
<tbody>
<tr>
<td>56°</td>
<td>58°</td>
<td>49°</td>
<td>42°</td>
<td>50°</td>
</tr>
<tr>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>AM Rain</td>
<td>Cloudy</td>
<td>Mostly Cloudy</td>
</tr>
<tr>
<td>0 in</td>
<td>0.04 in</td>
<td>0.06 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>
Flight Collection Plan for 12 July 2018
Scheduled No Fly Day. Crew Rotation Day.

Flight Collection Plan for 13 July 2018

Flyority 1:
Collection Area: Toolik (TOOL)
Flight Plan Name: D18_TOOL_C1_P1_v1.pln
On-station Time: 1850 UTC / 1050 L

Flyority 2:
Collection Area: Barrow Environmental Observatory – Priority 1 Flight Box (BARR_P1)
Flight Plan Name: D18_BARR_R1_P1_v3.pln
On-station Time: 1940 UTC / 1140 L

Flyority 3:
Collection Area: Barrow Environmental Observatory – Priority 2 Flight Box (BARR_P2)
Flight Plan Name: D18_BARR_R1_P2_v3.pln
On-station Time: 1940 UTC / 1140 L

Crew: TBD