Flight Campaign ID: 2017_P2C1
FBO ID & City: Deadhorse (KSCC) - Deadhorse, AK
Domain: 18
Sites Flown:
Days left in Domain: 9
Flight Hours: 00:00
Hours until maintenance: 90.67

Date: 2017-07-19
Report Author: Abe Morrison
Pilots: Kyler Dalton, Grant Frost
Flight Crew: Abe Morrison, Michael Wussow
Ground/GPS: Additional Personnel:

GPS Instruments:

Summary:
Low clouds in both flight areas with rain in Barrow prevented any collection flights today.

Issues/Concerns:
The waveform data failed during the extract last night and is being looked at by HQ staff today. They may have a solution and we will likely try a rerun of the extract tomorrow.

Comments:
Weather Forecast

Barrow, AK

<table>
<thead>
<tr>
<th>Thu 07/20</th>
<th>Fri 07/21</th>
<th>Sat 07/22</th>
<th>Sun 07/23</th>
<th>Mon 07/24</th>
<th>Tue 07/25</th>
<th>Wed 07/26</th>
</tr>
</thead>
<tbody>
<tr>
<td>41°</td>
<td>50°</td>
<td>44°</td>
<td>50°</td>
<td>47°</td>
<td>46°</td>
<td>51°</td>
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<tr>
<td>Overcast</td>
<td>Overcast</td>
<td>Overcast</td>
<td>Overcast</td>
<td>Overcast</td>
<td>Overcast</td>
<td>Mostly Cloudy</td>
</tr>
<tr>
<td>0.02 in</td>
<td>0.13 in</td>
<td>0.17 in</td>
<td>0.15 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.11 in</td>
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</table>

Galbraith Lake, AK

<table>
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<tr>
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<th>Fri 07/21</th>
<th>Sat 07/22</th>
<th>Sun 07/23</th>
<th>Mon 07/24</th>
<th>Tue 07/25</th>
<th>Wed 07/26</th>
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</thead>
<tbody>
<tr>
<td>55°</td>
<td>55°</td>
<td>53°</td>
<td>58°</td>
<td>58°</td>
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</tr>
<tr>
<td>Thunderstorm</td>
<td>Mostly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Rain</td>
<td>Chance of Rain</td>
<td>Chance of Rain</td>
<td>□</td>
</tr>
<tr>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
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</tr>
</tbody>
</table>

Flight collection Plan for 20 July 2017:

Flyority 1: If Green Conditions Exist
Collection Area: Toolik – Priority 1 Flight Box
Flight Plan Name: D18_TOOL_C1_P1_v1.pln
On Station: 1110L / 1910 UTC
Flyority 2:
Collection Area: Barrow Environmental Observatory – Priority 1 Flight Box
Flight Plan Name: D18_BARR_R1_P1_v3.pln
On Station: 1210L / 2010 UTC

Flyority 3: If Green Conditions exist
Collection Area: Oksrukuyik Creek
Flight Plan Name: D18_OKSR_A1_P1_v1.pln
On Station: 1110L / 1910 UTC

Flyority 4:
Collection Area: Barrow Environmental Observatory – Priority 2 Flight Box
Flight Plan Name: D18_BARR_R1_P2_v3.pln
On Station: 1210L / 2010 UTC

Crew
Lidar: Michael Wussow
NIS: Abe Morrison

Flight collection Plan for 21 July 2017:

Flyority 1: If Green Conditions Exist
Collection Area: Toolik – Priority 1 Flight Box
Flight Plan Name: D18_TOOL_C1_P1_v1.pln
On Station: 1110L / 1910 UTC

Flyority 2:
Collection Area: Barrow Environmental Observatory – Priority 1 Flight Box
Flight Plan Name: D18_BARR_R1_P1_v3.pln
On Station: 1210L / 2010 UTC

Flyority 3: If Green Conditions exist
Collection Area: Oksrukuyik Creek
Flight Plan Name: D18_OKSR_A1_P1_v1.pln
On Station: 1110L / 1910 UTC

Flyority 4:
Collection Area: Barrow Environmental Observatory – Priority 2 Flight Box
Flight Plan Name: D18_BARR_R1_P2_v3.pln
On Station: 1210L / 2010 UTC

Crew
Lidar: Abe Morrison
NIS: Michael Wussow