Date: 2020-07-14  
Flight Campaign ID: P3C1  
Airport, FBO ID, City: Topeka Regional Airport (KFOE) - Topeka, KS

Domain: 06 (Prairie Peninsula)  
Sites Flown: None  
Days left in Domain: 1

Report Author: Mitch Haynes  
Lidar Operators: Mitch Haynes  
Flight Hours: 00:00  
Spectrometer Operators: Elissa Barris  
Hours until maintenance: 60.13  
Pilots: Justin Eddington, Lane Taylor  
GPS Instruments: None

Summary
All sites completed under green conditions; still awaiting green light from science on D06 collects to proceed with early departure plan from D06.

Concerns
None

Comments
- Once collections are signed off that no re-flies are needed, payload will be turned off to allow the spectrometer a full warm up before pumping and cooling in D05. Current plan is to push up the departure from Saturday to Thursday.

Cumulative Domain Coverage

*Cross strips have been removed to reflect accurate domain coverage.*

D06|KONZ_KONA (Konza Prairie Biological Station and Relocatable Agricultural Site)

| 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 | 36 | 37 | 38 |

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

D06|MCDI (McDiffett Creek )

<table>
<thead>
<tr>
<th>2</th>
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</tbody>
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Flown: 100% (19/19)  
Green: 100% (19/19)  
Yellow: 0% (0/19)  
Red: 0% (0/19)

D06|UKFS (University of Kansas Field Station )

| 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 |
Flown: 100% (25/25)  
Green: 100% (25/25)  
Yellow: 0% (0/25)  
Red: 0% (0/25)

Weather Forecast  
Topeka, KS (D06)

<table>
<thead>
<tr>
<th>Wed 7/15</th>
<th>Thu 7/16</th>
<th>Fri 7/17</th>
<th>Sat 7/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>85°</td>
<td>66°F</td>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
</tr>
<tr>
<td>AM Thunderstorms</td>
<td>0.16 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
<tr>
<td>89°</td>
<td>71°F</td>
<td>Partly Cloudy</td>
<td>Mostl</td>
</tr>
</tbody>
</table>

Topeka, KS (D06)

Rhinelander, WI (D05)

<table>
<thead>
<tr>
<th>Wed 7/15</th>
<th>Thu 7/16</th>
<th>Fri 7/17</th>
<th>Sat 7/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>78°</td>
<td>52°F</td>
<td>Mostly Cloudy</td>
<td>AM Thunderstorms</td>
</tr>
<tr>
<td>82°</td>
<td>62°F</td>
<td>Mostly Sunny</td>
<td>0.08 in</td>
</tr>
<tr>
<td>85°</td>
<td>67°F</td>
<td>Sunny</td>
<td>0.28 in</td>
</tr>
</tbody>
</table>

Rhinelander, WI (D05)

Flight Collection Plan for 15 July 2020
D06 flights completed.

Crew: Elissa Barris (Lidar), Mitch Haynes (NIS/GPS)

Flight Collection Plan for 16 July 2020
Tentative transit to D05 – Rhinelander, WI

Crew: Mitch Haynes (Lidar), Elissa Barris (NIS/GPS)