Date: 2024-06-01  
Flight Campaign ID: P3C1  
Airport, FBO ID, City: Bessemer Municipal Airport - Mitchell Field (KEKY) - Bessemer, AL  
Aircraft: N821AR

Domain: 08 (Ozarks Complex)  
Sites Flown: None  
Days left in Domain: 1

Report Author: Mitch  
Lidar Operators: Mitch  
Flight Hours: 00:00  
Spectrometer Operators: Mike  
Hours until maintenance: 57.10  
Pilots: Justin, Jacob

Summary  
Heavy rain and thunderstorms throughout the day prevented any opportunity at taking flight, let alone greening up collections.

Concerns  
None

Comments  
Pilots are pushing for an early departure from D08 tomorrow afternoon as there’s concerns that afternoon thunderstorms on Monday may prevent us from arriving in Topeka, KS on time. Should no morning flights be conducted, the crew will evaluate an early departure in the afternoon.

Daily Coverage  
Estimated Cloud Cover Key

| Green: 0-10% | Yellow: 11-50% | Red: >50% |

Cumulative Domain Coverage  

| D08| DELA (Dead Lake ) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Flown: 97% (34/35) | Green: 43% (15/35) | Yellow: 43% (15/35) | Red: 11% (4/35) |

| D08| LENO (Lenoir Landing ) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Flown: 100% (26/26) | Green: 0% (0/26) | Yellow: 0% (0/26) | Red: 100% (26/26) |
D08|TALL (Talladega National Forest)

**Flown:** 100% (26/26)
**Green:** 0% (0/26)
**Yellow:** 38% (10/26)
**Red:** 62% (16/26)

### Weather Forecast

**Demopolis, AL (DELA)**

**Sun 6/2**

- **86° | 69°F**
- Scattered Thunderstorms
- **0.07 in**

**Moundville, AL (TALL)**

**Sun 6/2**

- **85° | 69°F**
- Scattered Thunderstorms
- **0.05 in**

**Coffeeville, AL (LENO)**

**Sun 6/2**

- **86° | 68°F**
- Scattered Thunderstorms
- **0.12 in**

**Topeka, KS (D06 FBO)**

<table>
<thead>
<tr>
<th></th>
<th>Sun 6/2</th>
<th>Mon 6/3</th>
<th>Tue 6/4</th>
<th>Wed 6/5</th>
<th>Thu 6/6</th>
<th>Fri 6/7</th>
<th>Sat 6/8</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>**82°</td>
<td>65°F**</td>
<td>**82°</td>
<td>69°F**</td>
<td>**79°</td>
<td>63°F**</td>
<td>**88°</td>
</tr>
<tr>
<td>Showers</td>
<td>AM Showers</td>
<td>Thunderstorms</td>
<td>Scattered Thunderstorms</td>
<td>Sunny</td>
<td>Sunny</td>
<td>Partly Cloudy</td>
<td>AM Showers</td>
</tr>
<tr>
<td><strong>Precip.</strong></td>
<td><strong>0.6 in</strong></td>
<td><strong>0.41 in</strong></td>
<td><strong>0.6 in</strong></td>
<td><strong>0 in</strong></td>
<td><strong>0 in</strong></td>
<td><strong>0.22 in</strong></td>
<td><strong>0.02 in</strong></td>
</tr>
</tbody>
</table>

source: wunderground.com

**Flight Collection Plan for 01 June 2024**

*PP-RTX corrections will be utilized if needed.*

**Flyority 1**
Collection Area: Dead Lake (DELA) – Priority 1 Flight Box – *if green*
Flight Plan Name: D08_DELA_R1_P1_v2_Q780
On-Station Time: 1410 UTC/ 0910 L

Flyority 2
Collection Area: Talladega National Forest (TALL) – *if green*
Flight Plan Name: D08_TALL_C1_P1_v2_Q780
On-Station Time: 1410 UTC/ 0910 L

Flyority 3
Collection Area: Lenoir Landing (LENO) – *if green*
Flight Plan Name: D08_LENO_R2_P1_v2_Q780
On-Station Time: 1410 UTC/ 0910 L

Flyority 4
Collection Area: Dead Lake (DELA) – Priority 2 Flight Box – *if green*
Flight Plan Name: D08_DELA_R1_P2_v2_Q780
On-Station Time: 1410 UTC/ 0910 L

Flyority 5
Collection Area: Jones Ecological Research Center (JERC) P1 – *if green*
Flight Plan Name: D03_JERC_R2_P1_P2_v4_PRM.xml
On-Station Time: 1410 UTC/ 0910 L

Flyority 6
Transit to D06: Topeka, KS

**Crew:** Mike (Lidar), Mitch (NIS)