Date: 2024-05-30
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: 3

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

Summary
A solid layer of cumulus and stratus remained in place above all of our sites today, leaving no opportunity for green collection. No flights were conducted.

Concerns
None.

Comments
Mitch returned to the domain last night – welcome back!

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees

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Flown: 97% (34/35)
Green: 43% (15/35)
Yellow: 43% (15/35)
Red: 11% (4/35)
D08|LENO (Lenoir Landing)

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Flown: 100% (26/26)
Green:   0% (0/26)
Yellow:   0% (0/26)
Red: 100% (26/26)

D08|TALL (Talladega National Forest)

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

Weather Forecast

Demopolis, AL (DELA)

<table>
<thead>
<tr>
<th>Fri 5/31</th>
<th>Sat 6/1</th>
<th>Sun 6/2</th>
<th>Mon 6/3</th>
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</thead>
<tbody>
<tr>
<td>87°</td>
<td>70°F</td>
<td>78°</td>
<td>69°F</td>
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<tr>
<td>Party Cloudy</td>
<td>Thunderstorms</td>
<td>AM</td>
<td>Thunderstorms</td>
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<tr>
<td>0.03 in</td>
<td>1.15 in</td>
<td>0.26 in</td>
<td>0.07 in</td>
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Moundville, AL (TALL)

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<th>Sat 6/1</th>
<th>Sun 6/2</th>
<th>Mon 6/3</th>
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</thead>
<tbody>
<tr>
<td>86°</td>
<td>70°F</td>
<td>76°</td>
<td>69°F</td>
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<tr>
<td>Party Cloudy</td>
<td>Thunderstorms</td>
<td>Scattered</td>
<td>Scattered</td>
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<tr>
<td>0.04 in</td>
<td>1.06 in</td>
<td>0.34 in</td>
<td>0.1 in</td>
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Flight Collection Plan for 31 May 2024

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

Crew: Mike (Lidar), Mitch (NIS)