Date: 2023-05-16
Flight Campaign ID: P1C1
Airport, FBO ID, City: Bessemer Municipal Airport - Mitchell Field (KEKY) - Bessemer, AL
Aircraft: N331AR

Domain: 08 (Ozarks Complex)
Sites Flown: None
Days left in Domain: 13

Report Author: Cameron
Lidar Operators: Cameron
Flight Hours: 00:00
Spectrometer Operators: Mitch
Hours until maintenance: 50.47
Pilots: Jeff, Eric

Summary
Early morning clouds dissipated and reformed shortly after the solar angle along with afternoon thunderstorms. No flights were conducted.

Concerns
- None

Comments
- None

Daily Coverage
Estimated Cloud Cover Key
Green: 0-10%  Yellow: 11-50%  Red: >50%

Cumulative Domain Coverage

D08|DELA (Dead Lake)

<table>
<thead>
<tr>
<th>1</th>
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</table>

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

D08|LENO (Lenoir Landing)

<table>
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</table>

Flown: 65% (17/26)
Green: 65% (17/26)
Yellow: 0% (0/26)
Red: 0% (0/26)
D08|N08A (D08 Nominal Runway)

1
Flown: 100% (1/1)
Green: 0% (0/1)
Yellow: 100% (1/1)
Red: 0% (0/1)

D08|TALL (Talladega National Forest)

| 1 | 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: 0% (0/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 0% (0/26)

Weather Forecast
Moundville, AL (TALL)

<table>
<thead>
<tr>
<th>Wed 5/17</th>
<th>Thu 5/18</th>
<th>Fri 5/19</th>
<th>Sat 5/20</th>
<th>Sun 5/21</th>
<th>Mon 5/22</th>
<th>Tue 5/23</th>
</tr>
</thead>
<tbody>
<tr>
<td>77°</td>
<td>63°F</td>
<td>83°</td>
<td>63°F</td>
<td>84°</td>
<td>65°F</td>
<td>83°</td>
</tr>
</tbody>
</table>

Thunderstorms PM AM Clouds/PM Sun Scattered Thunderstorms Mostly Cloudy Mostly Cloudy PM

0.34 in 0.11 in 0.03 in 0.22 in 0 in 0 in 0.1 in

Demopolis, AL (DELA)

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<tr>
<th>Wed 5/17</th>
<th>Thu 5/18</th>
<th>Fri 5/19</th>
<th>Sat 5/20</th>
<th>Sun 5/21</th>
<th>Mon 5/22</th>
<th>Tue 5/23</th>
</tr>
</thead>
<tbody>
<tr>
<td>80°</td>
<td>64°F</td>
<td>85°</td>
<td>64°F</td>
<td>84°</td>
<td>65°F</td>
<td>84°</td>
</tr>
</tbody>
</table>

Thunderstorms Scattered AM Showers Scattered Thunderstorms Mostly Cloudy Mostly Cloudy PM

0.31 in 0.1 in 0.02 in 0.2 in 0 in 0 in 0.09 in
Coffeeville, AL (LENO)

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<thead>
<tr>
<th></th>
<th>Wed 5/17</th>
<th>Thu 5/18</th>
<th>Fri 5/19</th>
<th>Sat 5/20</th>
<th>Sun 5/21</th>
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<th>Tue 5/23</th>
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<tr>
<td>Cloud</td>
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<td>Chance of Precip.</td>
<td>0.41 in</td>
<td>0.09 in</td>
<td>0 in</td>
<td>0.12 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.16 in</td>
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</table>

Flight Collection Plan for May 17, 2023

**Flyority 1 (Lines 2-4, 20-26)**
Collection Area: Lenoir Landing (LENO)
Flight Plan Name: D08_LENO_R2_P1_v2_PRM.xml
On-Station Time: 1420 UTC / 0920 L

**Flyority 2**
Collection Area: Talladega National Forest (TALL)
Flight Plan Name: D08_TALL_C1_P1_v2_PRM.xml
On-Station Time: 1420 UTC / 0920 L

**Flyority 3**
Collection Area: Dead Lake (DELA) – Priority 1 Flight Box
Flight Plan Name: D08_DELA_R1_P1_P2_v2_PRM.xml
On-Station Time: 1420 UTC / 0920 L

**Flyority 4**
Collection Area: Dead Lake (DELA) – Priority 2 Flight Box
Flight Plan Name: D08_DELA_R1_P1_P2_v2_PRM.xml
On-Station Time: 1420 UTC / 0920 L

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