Payload 3 Daily Flight Report

Date: 2024-05-14
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: 22

Report Author: Elissa
Lidar Operators: Elissa
Flight Hours: 00:00
Spectrometer Operators: Cameron
Hours until maintenance: 72.65
Pilots: Justin, Will
Ground Crew: Mitch

Summary
An extensive cloud layer kept us on the ground today, awaiting better opportunities in the coming days.

Concerns
None.

Comments
GPS 07 was deployed at TALL.

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees

<table>
<thead>
<tr>
<th>Line #</th>
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<tbody>
<tr>
<td>D08</td>
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<table>
<thead>
<tr>
<th>1</th>
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<th>18</th>
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<tbody>
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<td>21</td>
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</tbody>
</table>

Flown: 0% (0/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 0% (0/26)
### D08|LENO (Lenoir Landing)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|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)

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### 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)

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### Weather Forecast

#### Demopolis, AL (DELA)

<table>
<thead>
<tr>
<th>Wed 5/15</th>
<th>Thu 5/16</th>
<th>Fri 5/17</th>
<th>Sat 5/18</th>
<th>Sun 5/19</th>
<th>Mon 5/20</th>
<th>Tue 5/21</th>
</tr>
</thead>
<tbody>
<tr>
<td>86°</td>
<td>88°</td>
<td>78°</td>
<td>83°</td>
<td>88°</td>
<td>90°</td>
<td>91°</td>
</tr>
<tr>
<td>60°F</td>
<td>67°F</td>
<td>67°F</td>
<td>65°F</td>
<td>66°F</td>
<td>68°F</td>
<td>73°F</td>
</tr>
</tbody>
</table>

- Mostly Sunny
- Partly Cloudy
- Thunderstorms
- Scattered Thunderstorms

#### Moundville, AL (TALL)

<table>
<thead>
<tr>
<th>Wed 5/15</th>
<th>Thu 5/16</th>
<th>Fri 5/17</th>
<th>Sat 5/18</th>
<th>Sun 5/19</th>
<th>Mon 5/20</th>
<th>Tue 5/21</th>
</tr>
</thead>
<tbody>
<tr>
<td>84°</td>
<td>88°</td>
<td>77°</td>
<td>80°</td>
<td>88°</td>
<td>91°</td>
<td>90°</td>
</tr>
<tr>
<td>60°F</td>
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<td>73°F</td>
</tr>
</tbody>
</table>

- Mostly Sunny
- Mostly Sunny
- Thunderstorms
- Thunderstorms
- Mostly Sunny
- Sunny
- Partly Cloudy
Flight Collection Plan for 15 May 2024

Flyority 1
Collection Area: Dead Lake (DELA) – Priority 1 Flight Box
Flight Plan Name: D08_DELA_R1_P1_v2_Q780
On-Station Time: 1420 UTC/ 0920 L

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

Flyority 3
Collection Area: Lenoir Landing (LENO)
Flight Plan Name: D08_LENO_R2_P1_v2_Q780
On-Station Time: 1420 UTC/ 0920 L

Flyority 4
Collection Area: Dead Lake (DELA) – Priority 2 Flight Box
Flight Plan Name: D08_DELA_R1_P2_v2_Q780
On-Station Time: 1420 UTC/ 0920 L

Crew: Cam (Lidar), Elissa (NIS), Mitch (GPS)