

# 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: ElissaFlight Hours: 00:00Lidar Operators: ElissaFlight Hours: 00:00Spectrometer Operators: CameronHours until maintenance: 72.65Pilots: Justin, WillGround 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:	Yellow:	Red:							
0-10%	11-50%	>50%							

Solar Angle Less Than 40 degrees

#### D08 | DELA (Dead Lake)

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: Green: Yellow: Red: 09	0% 0%	(0/26) (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	<i>ı</i> : 0%	(0/26	)																
Red:	Red: 0% (0/26)																		
D08	D08   TALL (Talladega National Forest)																		

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

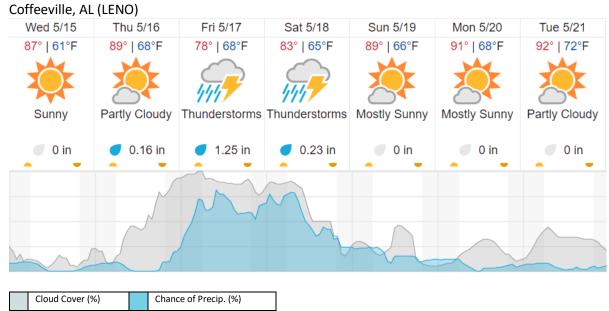
#### Weather Forecast

# Demopolis, AL (DELA)

Wed 5/15	Thu 5/16	Fri 5/17	Sat 5/18	Sun 5/19	Mon 5/20	Tue 5/21
<mark>86</mark> °   60°F	88°   67°F	78°   67°F	83°   65°F	88°   66°F	90°   68°F	91°   73°F
×	*	1111	1111	*	×	×
Mostly Sunny	Partly Cloudy	Thunderstorms	Scattered	Mostly Sunny	Partly Cloudy	Partly Cloudy
			Thunderstorms			
🔵 0 in	🥑 0.15 in	🥑 0.87 in	🥑 0.16 in	🔵 0 in	🕘 0 in	🔵 0 in
			h			

## Moundville, AL (TALL)

	- ( · · · /					
Wed 5/15	Thu 5/16	Fri 5/17	Sat 5/18	Sun 5/19	Mon 5/20	Tue 5/21
84°   60°F	88°   67°F	77°   67°F	80°   65°F	88°   65°F	91°   68°F	90°   73°F
*	*	1111	1117	*	*	*
Mostly Sunny	Mostly Sunny	Thunderstorms	Thunderstorms	Mostly Sunny	Sunny	Partly Cloudy
🖉 0 in	🥑 0.09 in	🥑 1.01 in	🥑 0.22 in	🖉 0 in	🕘 0 in	🥑 0.06 in
			M			



source: wunderground.com

### 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)