



Payload 2 Daily Flight Report



**Date:** 2026-05-12  
**Flight Campaign ID:** P2C1  
**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:** 6

**Report Author:** John  
**Lidar Operators:** John                      **Flight Hours:** 00:00  
**Spectrometer Operators:** Mitch      **Hours until maintenance:** 54.35  
**Pilots:** Justin, Jonathon

**Summary**

The plane was preflighted and ready to fly LENO/DELA/TALL, but the clouds were moving out of our survey areas at a slower pace than expected. No flights were conducted.

**Concerns**

None.

**Comments**

The crew noticed the system was not saving the ground test images from the digital camera; we will conduct more research into this feature.

**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	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35						

Flown: 0% (0/35)  
 Green: 0% (0/35)  
 Yellow: 0% (0/35)  
 Red: 0% (0/35)

\* Flown within 35deg solar angle

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)

\* Flown within 35deg solar angle

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: 46% (12/26)

Green: 42% (11/26)

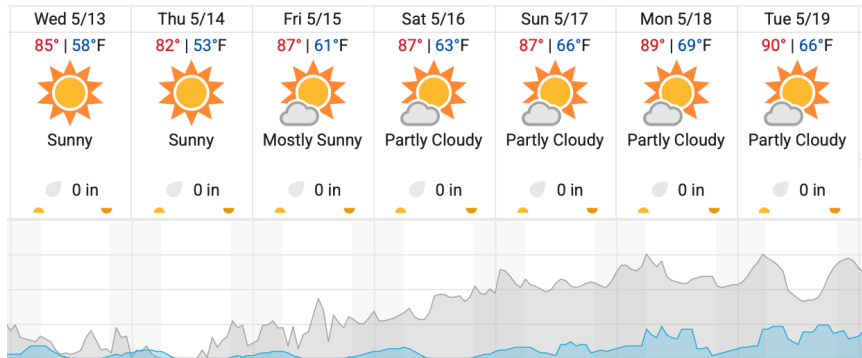
Yellow: 4% (1/26)

Red: 0% (0/26)

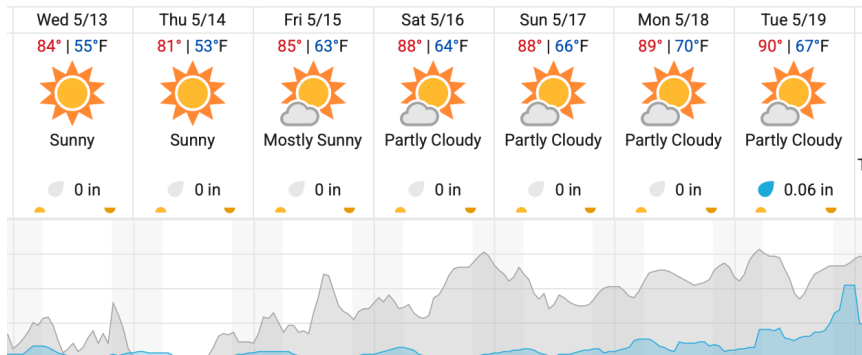
\* Flown within 35deg solar angle

**Weather Forecast**

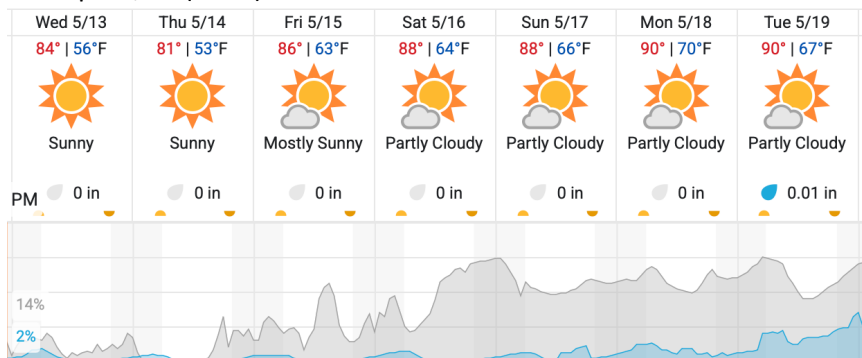
**Coffeerville, AL (LENO)**



**Moundville, AL (TALL)**



**Demopolis, AL (DELA)**



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

## **Flight Collection Plan for May 12, 2026**

### **Flyority 1**

Site: Lenoir Landing (LENO)

Flight Plan Name: D08\_LENO\_R2\_P1\_v4\_VQ780

Solar Angle Time: 14:30UTC / 09:30L

### **Flyority 2**

Site: Talladega National Forest (TALL) Lines 2-4, 16 - 26

Flight plan name: D08\_TALL\_C1\_P1\_v4\_VQ780

Solar Angle Time: 14:20UTC / 09:20L

### **Flyority 3**

Site: Dead Lake (DELA) – Priority 1 Flight Box

Flight Plan Name: D08\_DELA\_R1\_P1\_P2\_v4\_VQ780

Solar Angle Time: 14:20UTC / 09:20L

***Request by Jilin Men to fly DELA on May 16, 21, or 26 to coincide with Sentinel-2 overpass.***

### **Flyority 4**

Site: Dead Lake (DELA) – Priority 2 Flight Box

Flight Plan Name: D08\_DELA\_R1\_P1\_P2\_v4\_VQ780

Solar Angle Time: 14:20UTC / 09:20L

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