



Payload 2 Daily Flight Report

Date: 2026-05-11
Flight Campaign ID: P2C1
Airport, FBO ID, City: Bessemer Municipal Airport - Mitchell Field (KEYY) - Bessemer, AL
Aircraft: N821AR

Domain: 08 (Ozarks Complex)
Sites Flown: None
Days left in Domain: 7

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

Summary

Overcast, cloudy skies throughout the duration of the solar angle today prevented any flights from occurring. A surface level cold front is expected to move through the region this evening bringing more dry (and hopefully more clear) conditions for the remainder of the week.

Concerns

None

Comments

Fresh batteries were swapped into the mobile GPS stations at all three sites ahead of anticipated flights this week.

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)

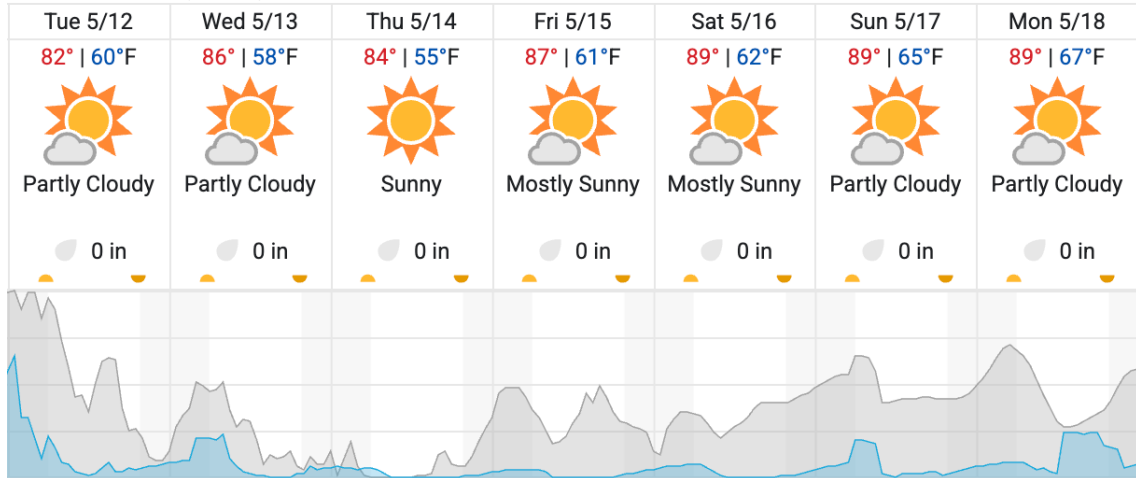
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26															

Flown: 46% (12/26)

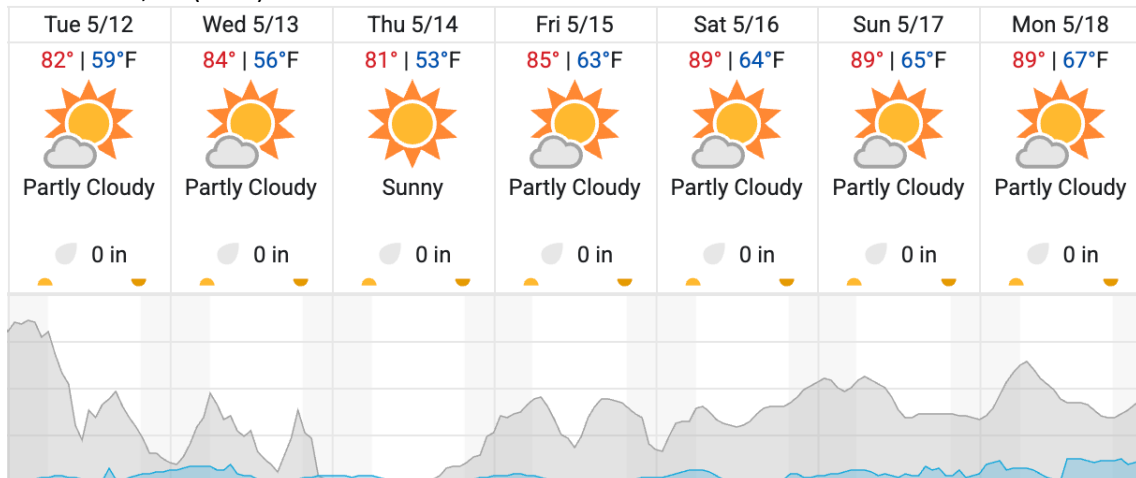
Green: 42% (11/26)
 Yellow: 4% (1/26)
 Red: 0% (0/26)
 * Flown within 35deg solar angle

Weather Forecast

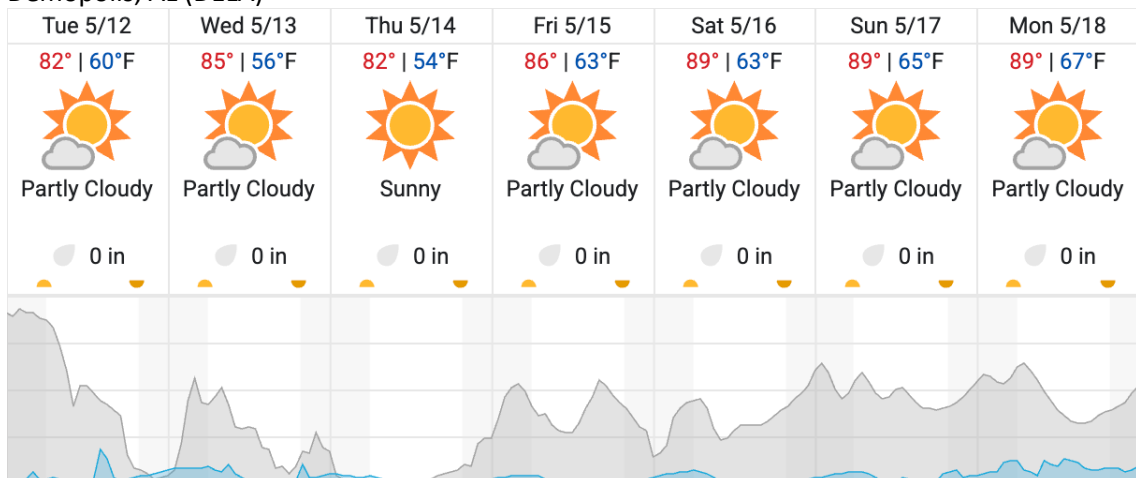
Coffeeville, AL (LENO)



Moundville, AL (TALL)



Demopolis, AL (DELA)



Cloud Cover (%)	Chance of Precip. (%)
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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 11, 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: John (Lidar), Mitch (NIS)