



Payload 1 Daily Flight Report



Date: 2023-05-17

Flight Campaign ID: P1C1

Airport, FBO ID, City: Bessemer Municipal Airport - Mitchell Field (KEY) - Bessemer, AL

Aircraft: N331AR

Domain: 08 (Ozarks Complex)

Sites Flown: None

Days left in Domain: 12

Report Author: Mitch

Lidar Operators: Mitch

Flight Hours: 00:00

Spectrometer Operators: Cameron **Hours until maintenance:** 50.47

Pilots: Jeff, Eric

Summary

Rain and thunderstorms throughout the day prevented any flights from occurring.

Concerns

GPS 06 at TALL was found to have a disconnected cell antenna cable at the interior box connection.

Comments

Crew went out to TALL to swap in a fresh battery at our mobile GPS station and troubleshoot cell connectivity issues.

Pictures: Cam investigating our malfunctioning GPS at TALL (below).



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															

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: 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)

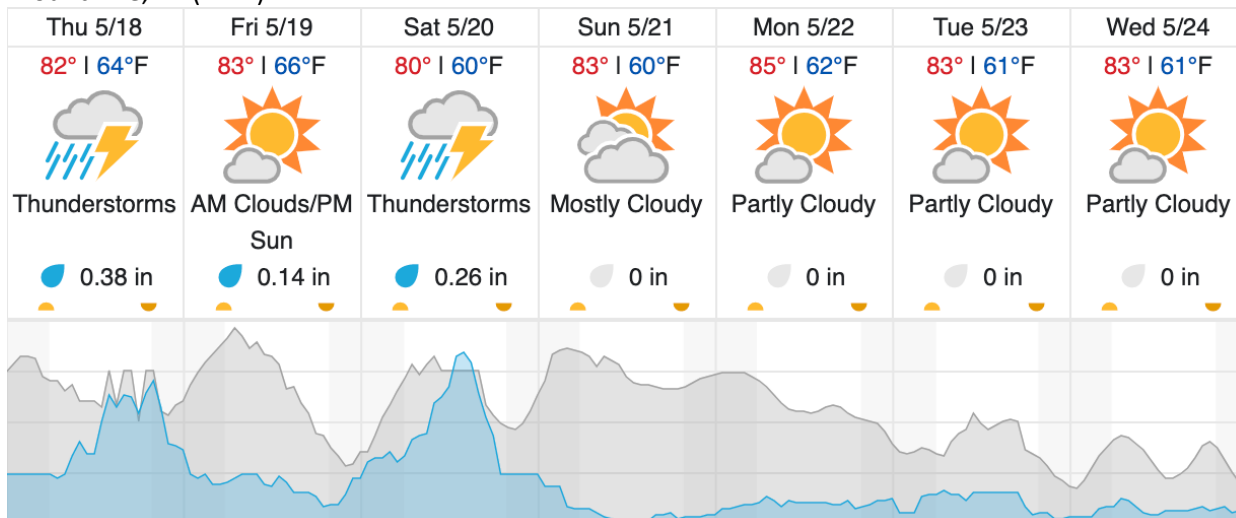
D08 | TALL (Talladega National Forest)

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															

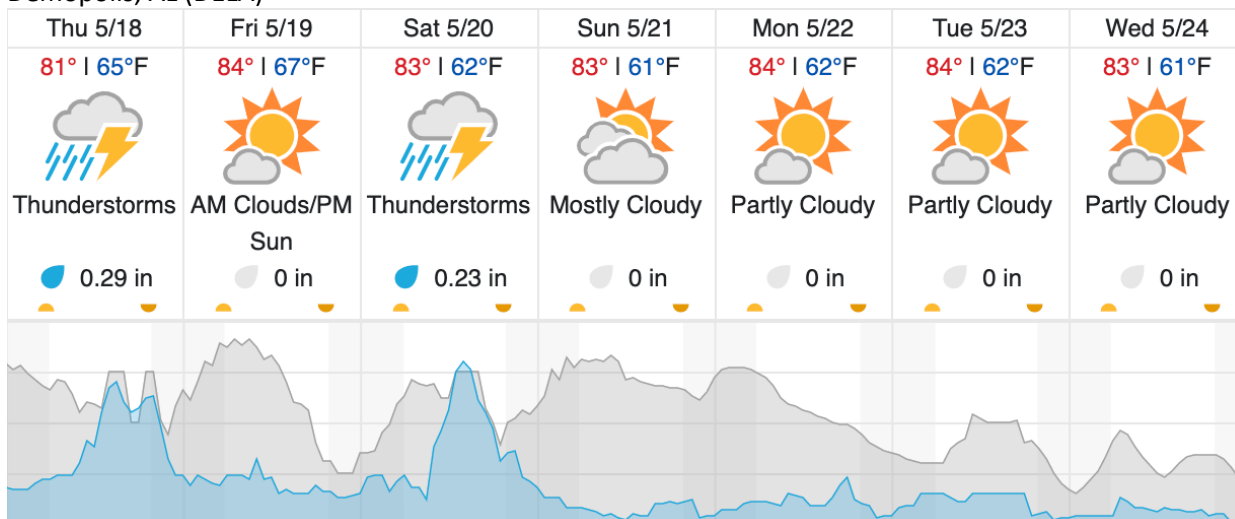
Flown: 0% (0/26)
 Green: 0% (0/26)
 Yellow: 0% (0/26)
 Red: 0% (0/26)

Weather Forecast

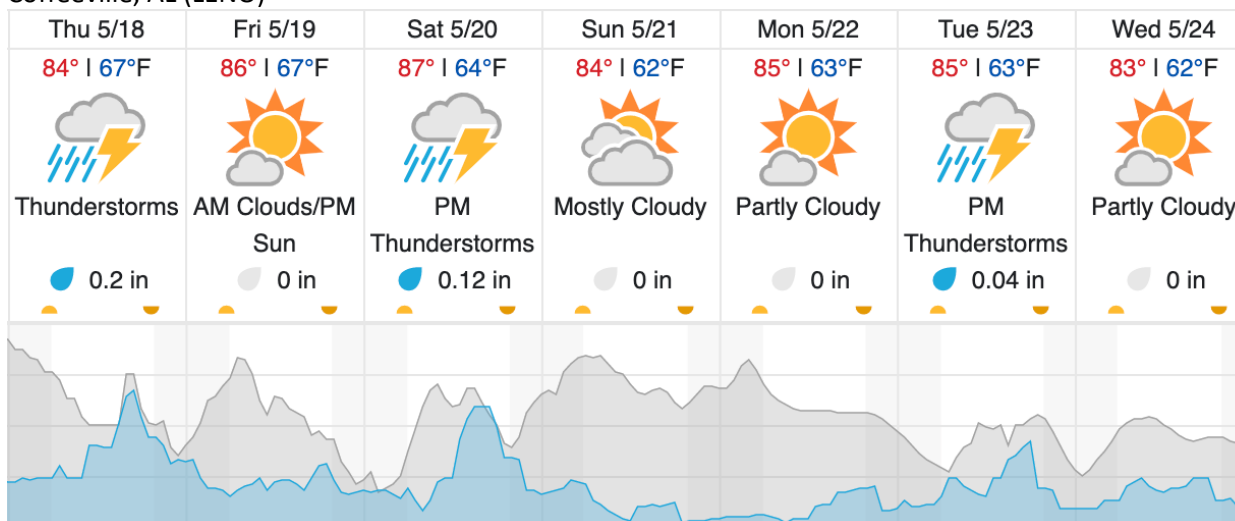
Moundville, AL (TALL)



Demopolis, AL (DELA)



Coffeeville, AL (LENO)



source: wunderground.com

Flight Collection Plan for May 18, 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: Cam (Lidar), Mitch (NIS)