



Payload 3 Daily Flight Report



Date: 2024-05-31

Flight Campaign ID: P3C1

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

Aircraft: N821AR

Domain: 08 (Ozarks Complex)

Sites Flown: None

Days left in Domain: 2

Report Author: Mike

Lidar Operators: Mike

Flight Hours: 00:00

Spectrometer Operators: Mitch **Hours until maintenance:** 57.10

Pilots: Justin, Jacob

Summary

Clear conditions did not present today, and no flights were conducted. With the remaining time in D08 calling for rain and thunderstorms, GPS units were retrieved after flights were cancelled. The BLWA aquatic site was also visited for a drone filming mission.

Concerns

None.

Comments

Elissa departed D08 today for some much-deserved time off.

Pictures



BLWA buoy.



Black Warrior River near Demopolis, AL.

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees

Line #

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: 100% (35/35)
 Green: 46% (16/35)
 Yellow: 43% (15/35)
 Red: 11% (4/35)

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: 100% (26/26)
 Green: 0% (0/26)
 Yellow: 0% (0/26)
 Red: 100% (26/26)

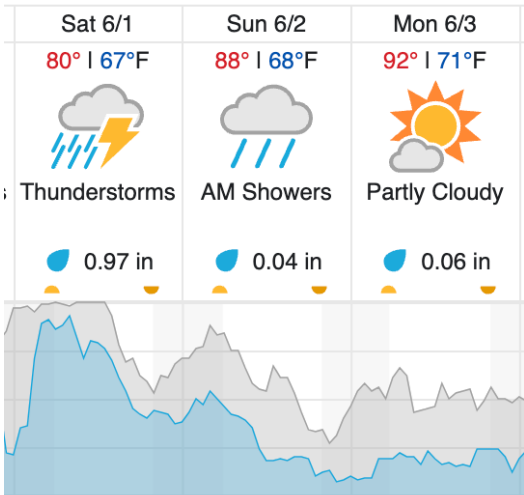
D08 | TALL (Talladega National Forest)

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														

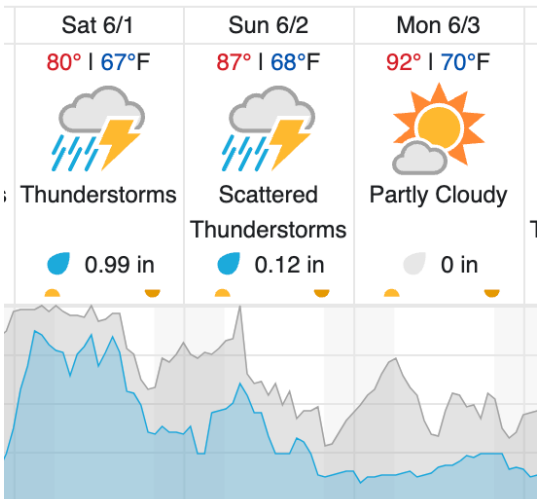
Flown: 100% (26/26)
 Green: 0% (0/26)
 Yellow: 38% (10/26)
 Red: 62% (16/26)

Weather Forecast

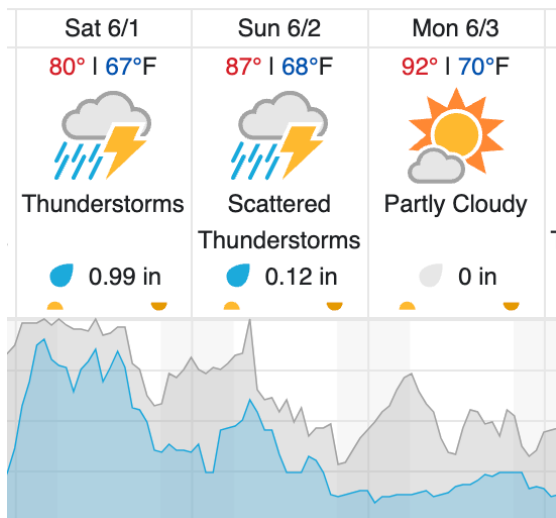
Demopolis, AL (DELA)



Moundville, AL (TALL)



Coffeeville, AL (LENO)



Cloud Cover (%) Chance of Precip. (%)

source: wunderground.com

Flight Collection Plan for 01 June 2024

*PP-RTX corrections will be utilized if needed.

Flyority 1

Collection Area: Dead Lake (DELA) – Priority 1 Flight Box – *if green*

Flight Plan Name: D08_DELA_R1_P1_v2_Q780

On-Station Time: 1410 UTC/ 0910 L

Flyority 2

Collection Area: Talladega National Forest (TALL) – *if green*

Flight Plan Name: D08_TALL_C1_P1_v2_Q780

On-Station Time: 1410 UTC/ 0910 L

Flyority 3

Collection Area: Lenoir Landing (LENO) – *if green*

Flight Plan Name: D08_LENO_R2_P1_v2_Q780

On-Station Time: 1410 UTC/ 0910 L

Flyority 4

Collection Area: Dead Lake (DELA) – Priority 2 Flight Box – *if green*

Flight Plan Name: D08_DELA_R1_P2_v2_Q780

On-Station Time: 1410 UTC/ 0910 L

Flyority 5

Collection Area: Jones Ecological Research Center (JERC) P1 – *if green*

Flight Plan Name: D03_JERC_R2_P1_P2_v4_PRM.xml

On-Station Time: 1410 UTC/ 0910 L

Crew: Mitch (Lidar), Mike (NIS)