

Payload 1 Daily Flight Report



Date: 2023-05-29

Flight Campaign ID: P1C1

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

Aircraft: N331AR

Domain: 08 (Ozarks Complex)

Sites Flown: None Days left in Domain: 0

Report Author: Mitch

Lidar Operators: Mitch Flight Hours: 00:00

Spectrometer Operators: Cameron Hours until maintenance: 39.75

Pilots: Justin, Will

Summary

High cirrus layers dominated the skies this morning followed by a gradual to heavy cumulus cloud building, preventing us from "greening up" any of the remaining non-green lines at Dead Lake. No flights were conducted. This concludes flight in D08. The team will reposition to Winchester, VA tomorrow in anticipation of D07/D02 flights.

Concerns

None

Comments

- HK1 was packed up and is ready for transit. Shipping of final 2 RAIDs from D08 will be delayed till arrival in Virginia, at which point the hotel kit will be set back up and allow Science a chance to sign off on the data.
- Conducted an Hg lamp before packing up the aircraft.
- Abe arrives in Winchester, VA tonight ahead of the Otter tomorrow.

Cumulative Domain Coverage

D08 | DELA P1 (Dead Lake Priority 1)

| 2 0 0 2 1 2 1 2 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 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% (25/25) Green: 68% (17/25) Yellow: 0% (0/25) Red: 32% (8/25)

D08 | DELA P2 (Dead Lake Priority 2)

| | | _ | • | | | , | , |
|----|----|----|----|----|----|----|----|
| 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |

Flown: 100% (8/8) Green: 0% (0/8) Yellow: 50% (4/8) Red: 50% (4/8)

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% (25/25) Green: 100% (25/25) Yellow: 0% (0/25) Red: 0% (0/25)

D08 | N08A (D08 Nominal Runway)

1

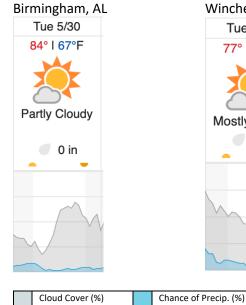
Flown: 100% (1/1) Green: 0% (0/1) Yellow: 100% (1/1) Red: 0% (0/1)

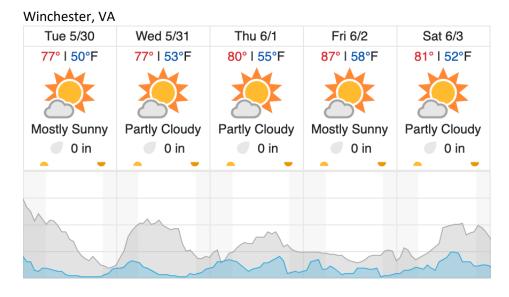
D08|TALL (Talladega National Forest)

| boo Mee (Tanadega Mational Forest) | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|----|----|----|----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|
| 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% (25/25) Green: 100% (25/25) Yellow: 0% (0/25) Red: 0% (0/25)

Weather Forecast





source: wunderground.com

Flight Collection Plan for May 30, 2023

Transit the plane to Winchester, VA in preparations for D07/D02 Flights.

Flight Crew: Cam Ground: Mitch, Abe