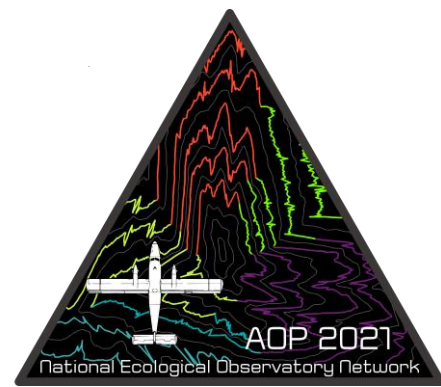




## Payload 3 Daily Flight Report



**Date:** 2021-05-09

**Flight Campaign ID:** P3C1

**Airport, FBO ID, City:** Tuscaloosa Regional Airport (KTCL) - Tuscaloosa, AL, Jackson-Medgar Wiley Evers International (KJAN) - Jackson, MS, Texarkana Regional-Webb Field (KTXK) - Texarkana, AR, Tulsa International Airport (KTUL) - Tulsa, OK, Forbes Field (KFOE) – Topeka, KS

**Aircraft:** N615AR

**Domain:** 08 (Ozarks Complex)

**Sites Flown:** Transit ()

**Days left in Domain:** 0

**Report Author:** Abe Morrison

**Lidar Operators:** Abe Morrison

**Spectrometer Operators:** Cameron Chapman

**Pilots:** Stephen Brawders, Vince Maarschalkerweerd

**Flight Hours:** 01:22:00, 02:01:00, 01:47:00, 01:28:00

**Hours until maintenance:** 44.27

### Summary

The crew departed Tuscaloosa this morning after a successful D08 collection campaign, heading back to Boulder CO. Inclement weather along the majority of the route to Colorado has been a challenge today, and will be again tomorrow. The crew made it to Topeka KS tonight and is safely tucked into our hangar at Forbes Field and attached to our power plug. Survey power to the payload needed to be disconnected several times briefly during today's flights, but with the assistance of the UPS the system never went offline. The plan is to arrive into the Boulder area tomorrow afternoon. It's looking likely that we will have to land at KBJC in Broomfield, but that will be weather dependent when we arrive in the area.

### Concerns

-Weather along the transit route could alter the transit plan.

### Comments

-All collection flight data sets for D08 were extracted before the crew left Tuscaloosa.

-Raid 2021\_P3C1\_05 will be shipped tomorrow.

### Daily Coverage

None

### Flight Screenshots

None

Pictures



Departing Tuscaloosa, AL early this morning. Pic by Abe M.



On route to Tulsa OK.



Blanket of clouds in all directions. Pic by Abe M.



Pilots danced through the heavy weather. Pic by Pilot Steve B.

## 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: 100% (35/35)

Green: 100% (35/35)

Yellow: 0% (0/35)

Red: 0% (0/35)

### 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: 65% (17/26)

Yellow: 8% (2/26)

Red: 27% (7/26)

### 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)

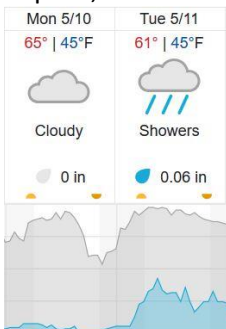
Green: 100% (26/26)

Yellow: 0% (0/26)

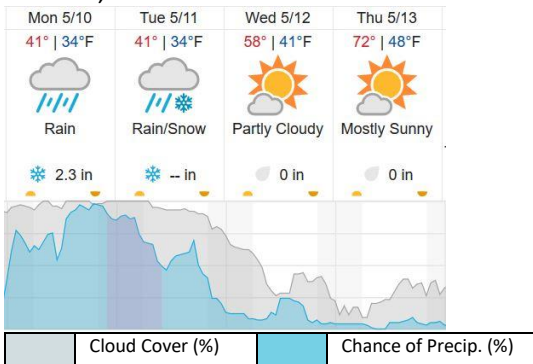
Red: 0% (0/26)

## Weather Forecast

### Topeka, KS



### Boulder, CO



source: wunderground.com

## Flight Collection Plan for May 2021

Transit to Boulder CO

Crew: Abe, Cam