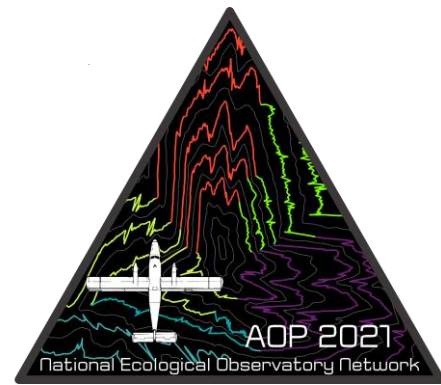




## Payload 3 Daily Flight Report



**Date:** 2021-04-25

**Flight Campaign ID:** P3C1

**Airport, FBO ID, City:** Tuscaloosa Regional Airport (KTCL) - Tuscaloosa, AL

**Aircraft:** N615AR

**Domain:** 08 (Ozarks Complex)

**Sites Flown:** DELA

**Days left in Domain:** 14

**Report Author:** Abe Morrison

**Lidar Operators:** Abe Morrison

**Flight Hours:** 00:40

**Spectrometer Operators:** Cameron Chapman

**Hours until maintenance:** 68.63

**Pilots:** Stephen Brawders, Vince Maarschalkerweerd

### Summary

The crew had high hopes today with a good forecast in hand and seemingly clearing skies on the tower cams... But the hopes were dashed once the Otter arrived at the DELA site to find low cumulus clouds all around below the flight altitude. The crew consulted the tower cam at the TALL site during the flight and saw the same conditions there. After landing the conditions were monitored for any clearing and no acceptable collecting conditions materialized before the end of solar angle window. No collections were made.

### Concerns

- GPS 3 (LENO) is unresponsive, The crew will have to physically check the unit. A trip Down to LENO for this looks possible on Tuesday.
- The database continues to not generate the daily report. A service now ticket will be generated.

### Comments

- The replacement solar panel for GPS 9 (FBO) was installed today.

### Daily Coverage

#### Estimated Cloud Cover Key

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

### Flight Screenshots

- None

### Pictures

- None

## 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: 62% (16/26)  
 Green: 54% (14/26)  
 Yellow: 8% (2/26)  
 Red: 0% (0/26)

### D08 | TALL (Talladega National Forest )

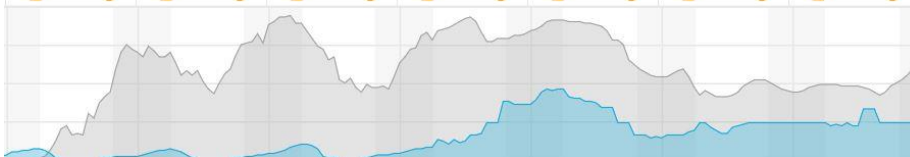
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26															

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

## Weather Forecast

### Tuscaloosa, AL (TALL)

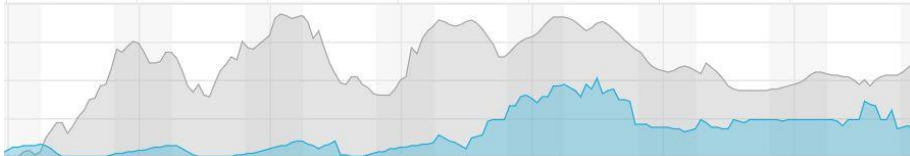
Mon 4/26	Tue 4/27	Wed 4/28	Thu 4/29	Fri 4/30	Sat 5/1	Sun 5/2
83°   58°F	86°   64°F	86°   65°F	87°   65°F	76°   58°F	79°   58°F	79°   60°F
Mostly Sunny	Partly Cloudy	Partly Cloudy	Cloudy	Scattered Thunderstorms	Partly Cloudy	PM Showers
0 in	0 in	0 in	0.28 in	0.18 in	0 in	0.06 in



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

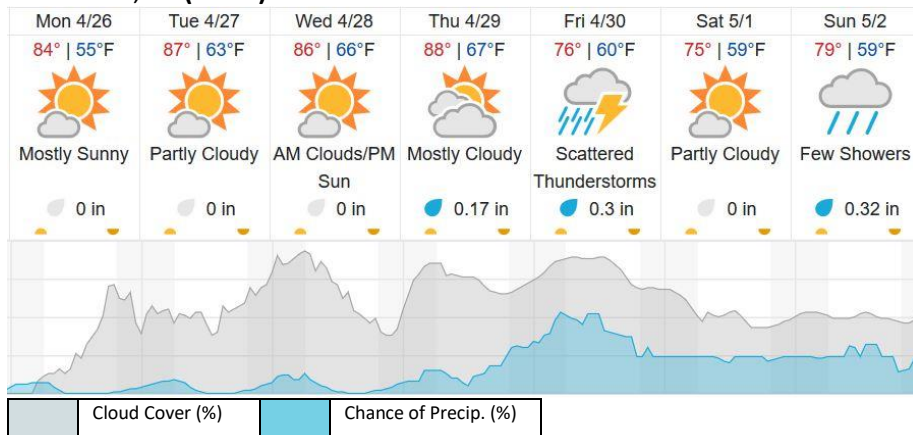
### Demopolis, AL (DELA)

Mon 4/26	Tue 4/27	Wed 4/28	Thu 4/29	Fri 4/30	Sat 5/1	Sun 5/2
82°   55°F	87°   62°F	87°   64°F	88°   66°F	76°   59°F	75°   58°F	78°   59°F
Mostly Sunny	Partly Cloudy	AM Clouds/PM Sun	Cloudy	Scattered Thunderstorms	Partly Cloudy	PM Showers
0 in	0 in	0 in	0.23 in	0.22 in	0 in	0.19 in



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

## Coffeeville, AL (LENO)



source: wunderground.com

### Flight Collection Plan for 26 April 2021

Flyority 1

Collection Area: Talladega National Forest (TALL)

Flight Plan Name: D08\_TALL\_C1\_P1\_v2\_Q780

On-station Time: 1430 UTC / 0930 L

Flyority 2

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

Flight Plan Name: D08\_DELA\_R1\_P1\_v2\_Q780

On-station Time: 1430 UTC / 0930 L

Flyority 3

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

Flight Plan Name: D08\_DELA\_R1\_P2\_v2\_Q780

On-station Time: 1430 UTC / 0930 L

Flyority 4

Collection Area: Lenoir Landing (LENO)

Flight Plan Name: D08\_LENO\_R2\_P1\_v2\_Q780

On-station Time: 1430 UTC / 0930 L

Flight Crew: Abe, Cam