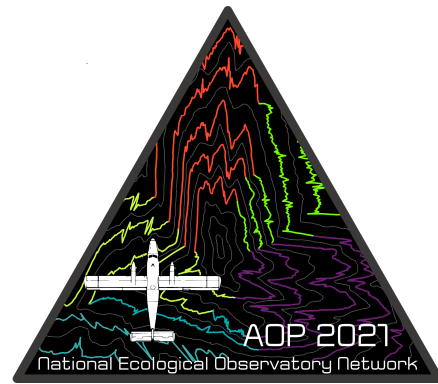




## Payload 3 Daily Flight Report



**Date:** 2021-04-20

**Flight Campaign ID:** P3C1

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

**Aircraft:** N615AR

**Domain:** 08 (Ozarks Complex)

**Sites Flown:** None

**Days left in Domain:** 19

**Report Author:** Cameron Chapman

**Lidar Operators:** Cameron Chapman

**Spectrometer Operators:** Abe Morrison

**Pilots:** Stephen Brawders, Vince Maarschalkerweerd

**Flight Hours:** 00:00

**Hours until maintenance:** 72.85

### Summary

The crew spent the day driving to all D08 sites and deploying GPS units in preparation for flights. A huge thanks to domain manager David Mitchell for getting us access to the new Lenoir landing GPS site!

### Concerns

- GPS 9 is experiencing modem connectivity issues. More troubleshooting will occur on the coming days
- One of the solar panel may require a wire rework. The unit was not producing any power.

### Comments

- RAIDs 01 & 03 were shipped to the Denver data center yesterday
- RAID 02 will be reshipped tomorrow
- All D08 GPS units have been deployed
- GPS 09 is deployed at the FBO so crew can closely monitor.

### Daily Coverage

#### Estimated Cloud Cover Key

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

### Flight Screenshots

None

Pictures



TOP: **LENO** GPS  
Bottom: **TALL** GPS



TOP: **DELA** GPS  
Bottom: **FBO** GPS



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

### D08 | N08A (D08 Nominal Runway )

1
---

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

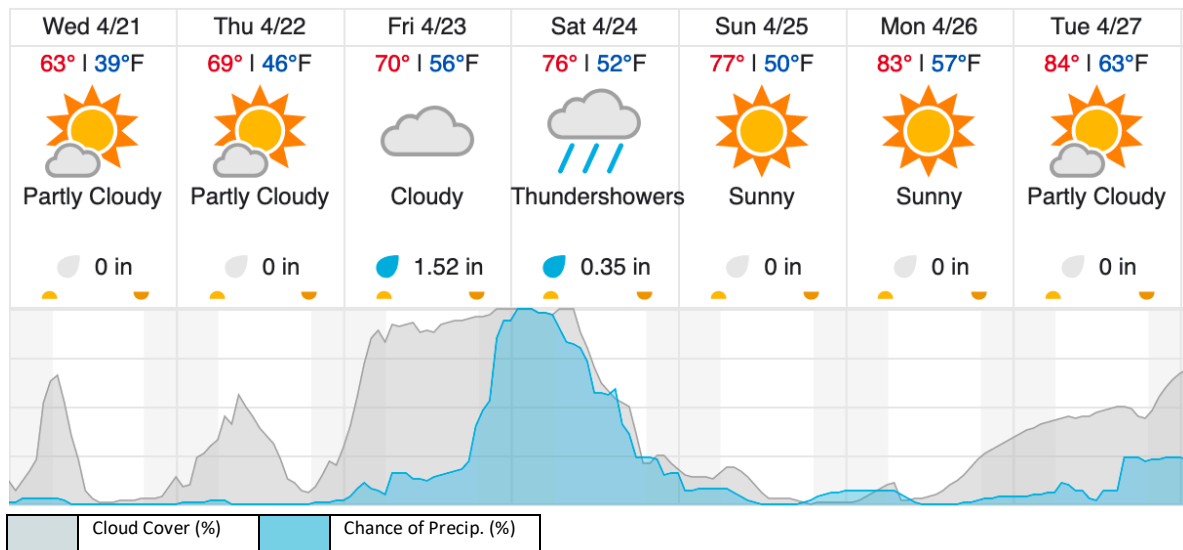
### D08 | TALL (Talladega National Forest )

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)

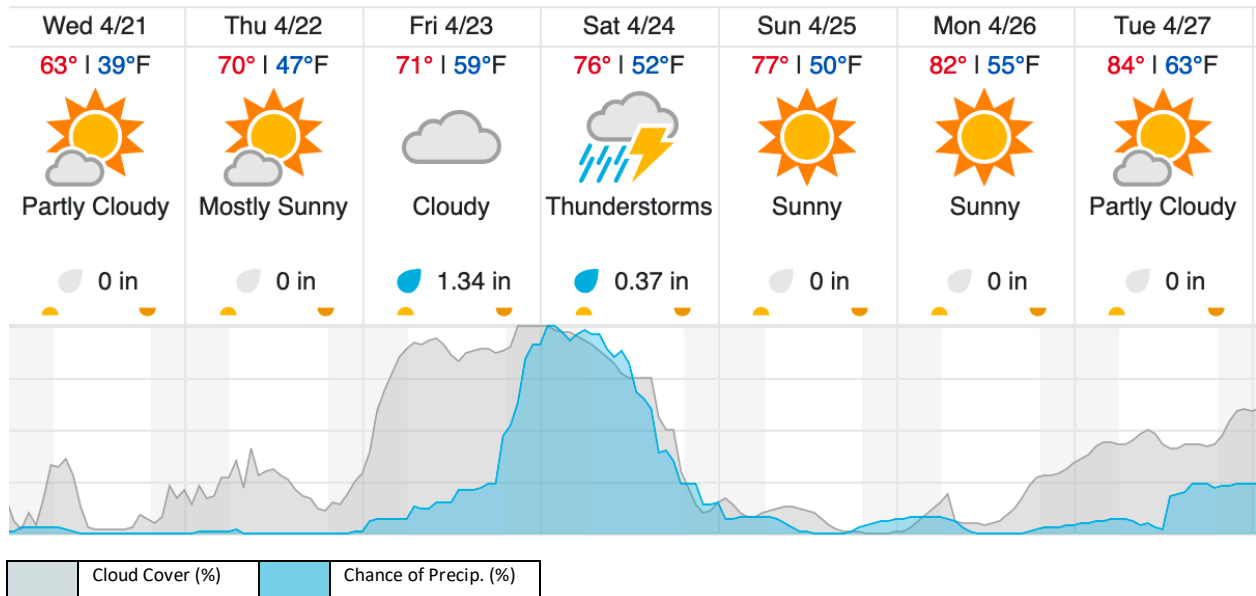
## Weather Forecast

### Tuscaloosa, AL (TALL)



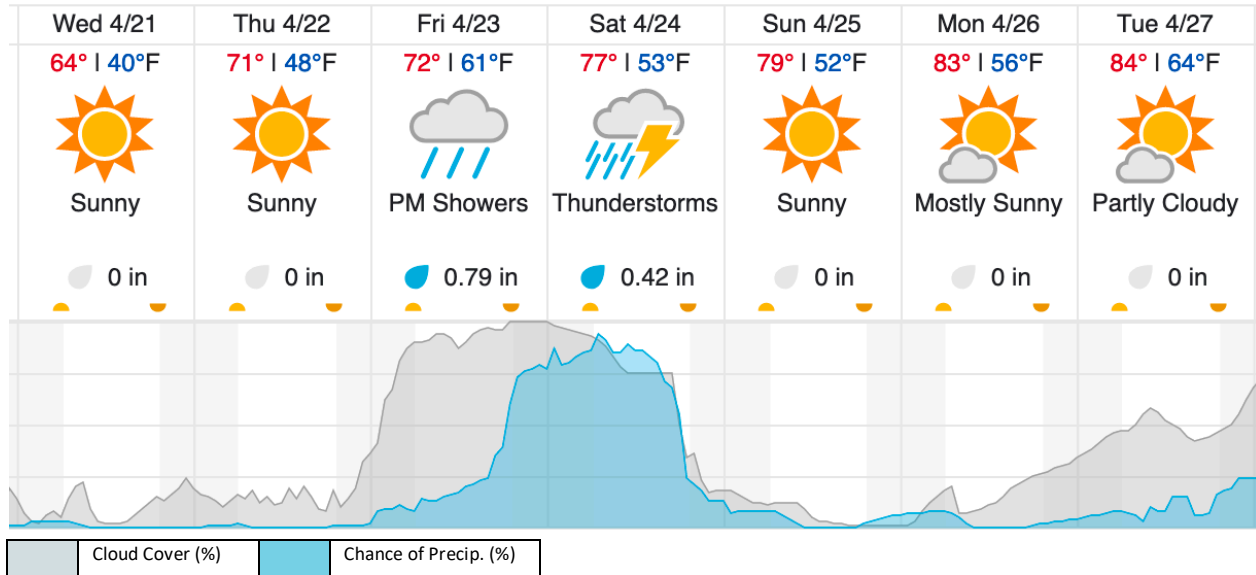
source: wunderground.com

Demopolis, AL (DELA)



source: wunderground.com

Coffeeville, AL (LENO)



source: wunderground.com

**Flight Collection Plan for 21 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: Cam, Abe