



## April 24, 2019 Payload 2 Daily Flight Report



**Date:** 2019-04-24

**Flight Campaign ID:** 2019\_P2C1

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

**Domain:** 08

**Sites Flown:** Transit

**Days left in Domain:** 17

**Report Author:** Cameron Chapman

**Flight Crew:** Cameron Chapman

**Ground/GPS:** Mitch Haynes , Mike Wussow

**Pilots:** Wesley Wyatt, David Little

**Additional Personnel:** None

**GPS Instruments:** None

**Flight Hours:** 1:35: + 01:48

**Hours until maintenance:** 59.07

### Summary

Today we ferried the aircraft from D03 and arrived in D08.

### Concerns

- The GPS at DELA may have data quality issues. We will investigate this concern further.

### Comments

- Aircraft arrived in D08
- Abe Arrived in D08 this afternoon
- Mitch will Join P3 tomorrow
- Robb will Join P2 Friday

**Flight Screenshots:** None

### Pictures:

**Right:** Controlled burns caused large plumes of smoke across the southern Georgia landscape





Above: Payload 2 arrives in D08 and will be stationed in Tuscaloosa Alabama  
Below: A very festive vehicle spotted at the Airport in Tuscaloosa! ROLL TIDE!



Daily Coverage: None

### Cumulative Domain Coverage

#### DELA

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)

#### LENO

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)

#### N08A

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

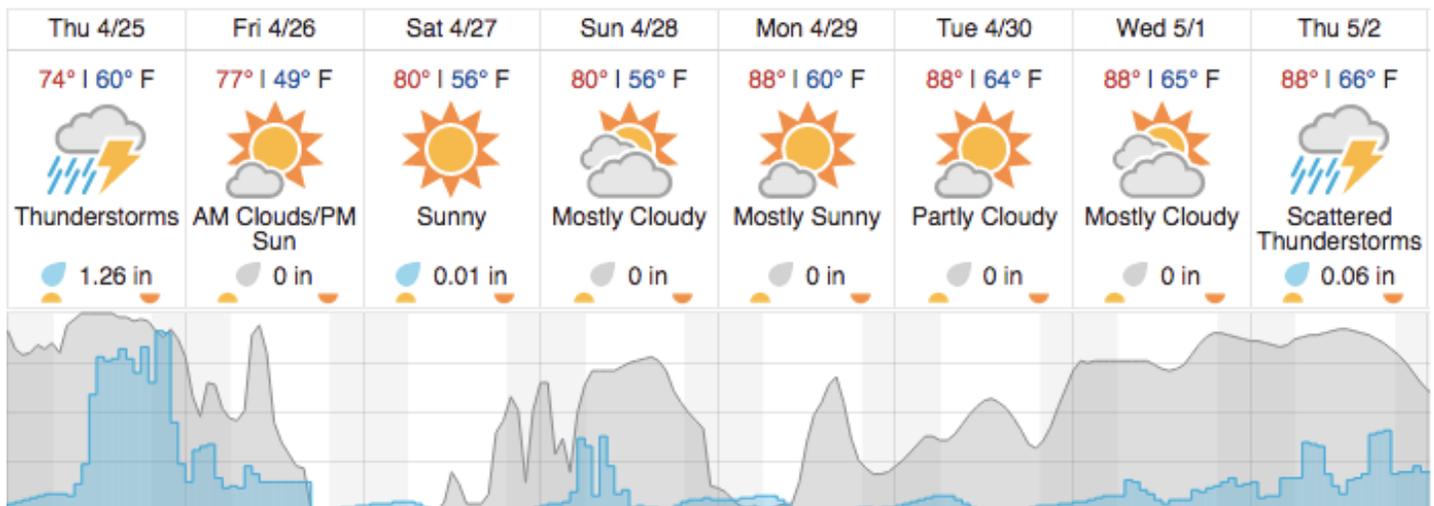
#### TALL

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															

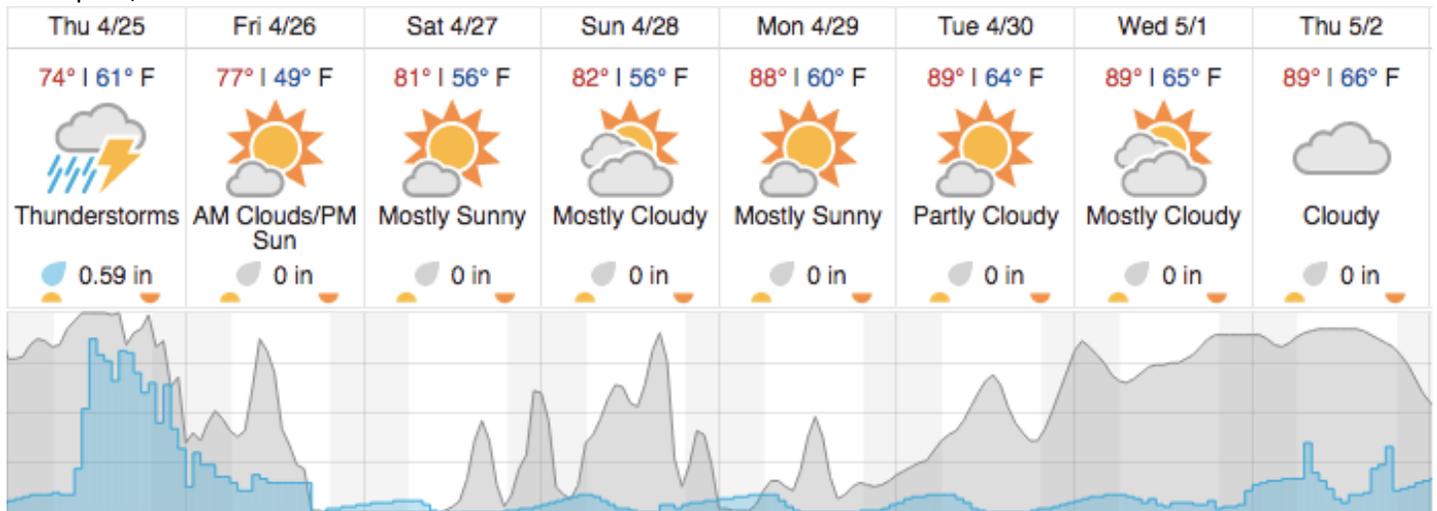
Flown: 0% (0/26)  
Green: 0% (0/26)  
Yellow: 0% (0/26)  
Red: 0% (0/26)

### Weather Forecast

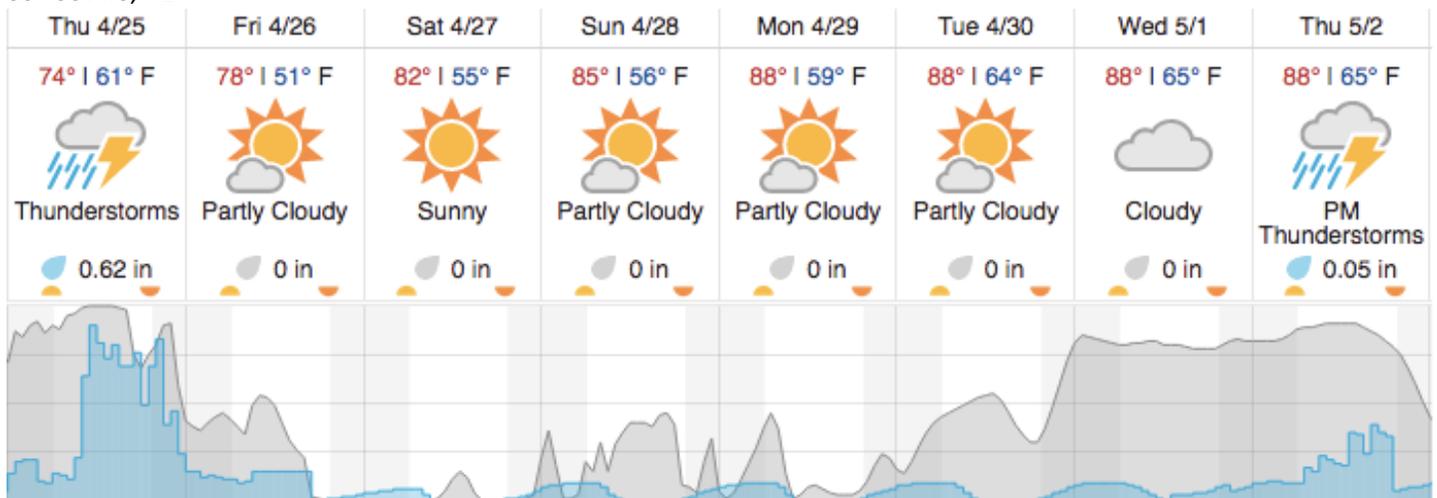
Tuscaloosa, AL



## Demopolis, AL



## Coffeeville, AL



## Flight Collection Plan for 25 April 2019

### Flyority 1:

Collection Area: Dead Lake (DELA)  
 Flight Plan Name: D08\_DELA\_R1\_P1\_v1.pln  
 On Station Time: 1010 L / 1410 UTC

### Flyority 2:

Collection Area: Talladega National Forest (TALL)  
 Flight Plan Name: D08\_TALL\_C1\_P1\_v1.pln  
 On Station Time: 0930 L / 1430 UTC

### Flyority 3:

Collection Area: Lenoir Landing (LENO)  
 Flight Plan Name: D08\_LENO\_R2\_P1\_v1.pln  
 On Station Time: 0930L / 1430 UTC

### Flyority 4:

Collection Area: Nominal Runway – D08  
 Flight Plan Name: D08\_N08A\_Nominal\_Runway\_Test\_v1.pln  
 Purpose: To test LiDAR range accuracies and noise levels at 100 kHz PRF.  
 On Station Time: N/A

**Crew:** (LiDAR) Mike Wussow (NIS) Cameron Chapman (Ground/GPS) Abe Morrison

**Flight Collection Plan for 26 April 2019**

**Flyority 1 – 4** Same as previously briefed

**Crew:** (LiDAR) Cameron Chapman (NIS) Abe Morrison (Ground/GPS) Mike Wussow

**Flight Collection Plan for 27 April 2019**

**Flyority 1 – 4** Same as previously briefed

**Crew:** (LiDAR) Abe Morrison (NIS) Mike Wussow (Ground/GPS) Cameron Chapman