



April 25, 2019 Payload 2 Daily Flight Report

**Date:** 2019-04-25

**Flight Campaign ID:** 2019\_P2C1

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

**Domain:** 08

**Sites Flown:** None

**Days left in Domain:** 16

**Report Author:** Michael Wussow

**Flight Crew:** Cameron Chapman, Michael Wussow

**Ground/GPS:** Abe Morrison

**Pilots:** Wesley Wyatt, David Little

**Additional Personnel:** None

**GPS Instruments:** None

**Flight Hours:** 00:00

**Hours until maintenance:** 59.07

**Summary**

Thunderstorms and heavy rain prevented any flights today. The crew took the down time to reactivate the getter and pump the system down.

**Concerns**

Abe's preliminary analysis of the permanent basestation data at DELA and TALL has shown less than acceptable quality. Temporary basestations will be deployed at these sites to prevent any data quality issues until a more in-depth analysis can be done using flight data.

**Comments**

Mike Wussow departs from D08 tomorrow and Robb Walker arrives.

**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)

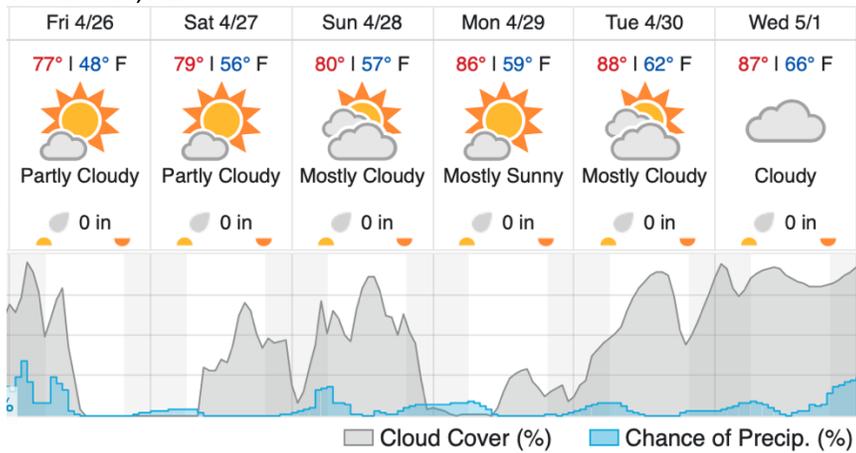
**TALL**

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														

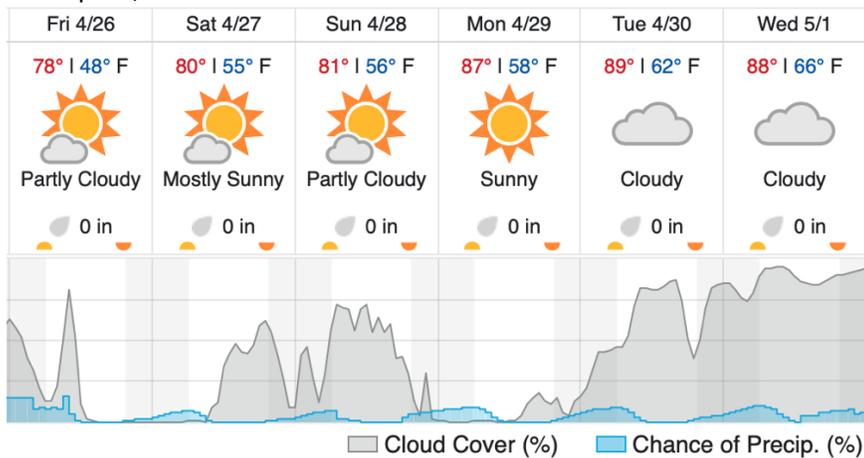
Flown: 0% (0/26)  
 Green: 0% (0/26)  
 Yellow: 0% (0/26)  
 Red: 0% (0/26)

**Weather Forecast**

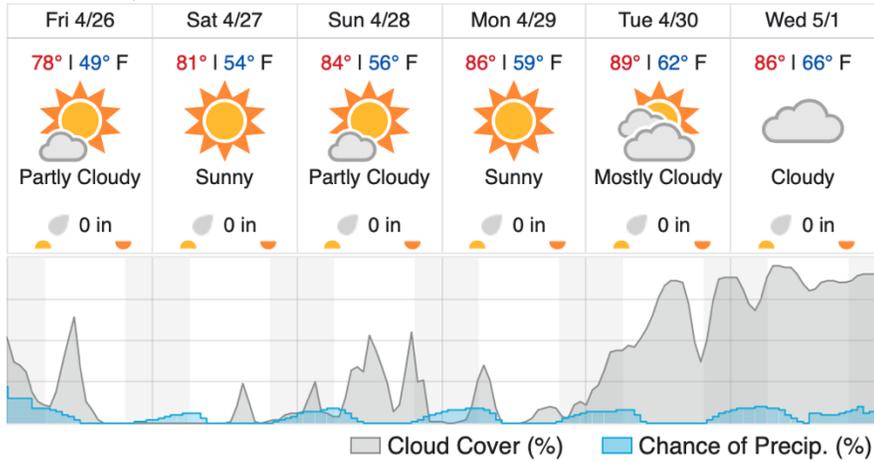
Tuscaloosa, AL



Demopolis, AL



Coffeeville, AL



**Flight Collection Plan for 26 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)** Cameron Chapman (NIS) Abe Morrison (**Ground/GPS**) None

**Flight Collection Plan for 27 April 2019**

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

**Crew: (LiDAR)** Abe Morrison (NIS) Cameron Chapman (**Ground/GPS**) Robb Walker