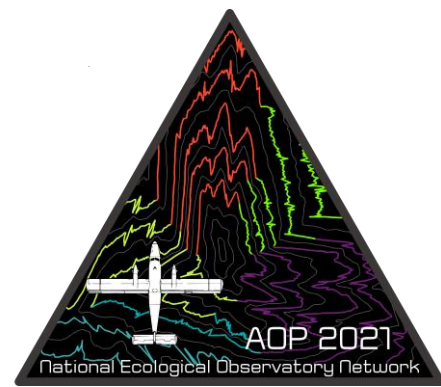




Payload 3 Daily Flight Report



Date: 2021-04-27

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: 12

Report Author: Abe Morrison

Lidar Operators: Abe Morrison

Spectrometer Operators: Cameron Chapman

Pilots: Stephen Brawders, Vince Maarschalkerweerd

Flight Hours: 00:00

Hours until maintenance: 65.08

Summary

With a high cloud cover causing "red" collection conditions, the crew turned to a troubleshoot/repair trip for the GPS station set up at the LENO site. This GPS station has been offline for a couple of days and the cause was determined to be a dirty solar panel power port. The problem was corrected, and GPS 03 LENO is back online and logging.

Concerns

None

Comments

-The Otter will receive minor maintenance first thing tomorrow morning, which should not interfere with normal operations.

- GPS ground validation point collection will also be conducted on next no fly day.

Pictures



ASO Abe Morrison repairing LENO GPS station. Pic by Cam C.

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)

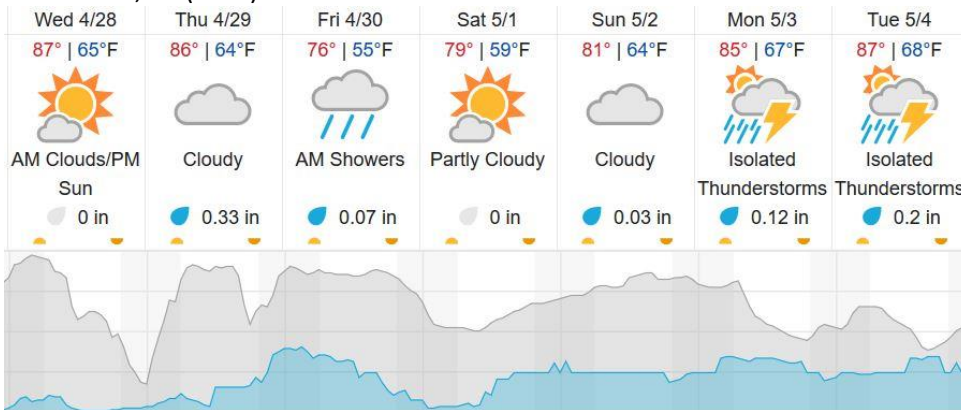
D08 | TALL (Talladega National Forest)

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															

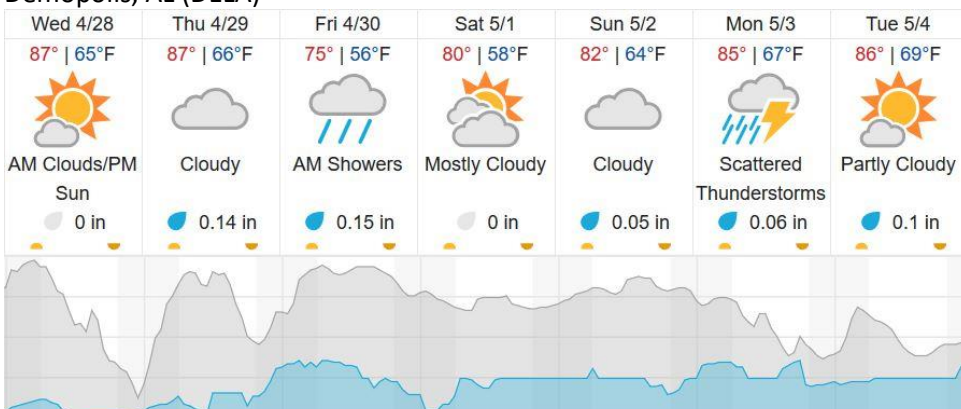
Flown: 100% (26/26)
 Green: 0% (0/26)
 Yellow: 0% (0/26)
 Red: 100% (26/26)

Weather Forecast

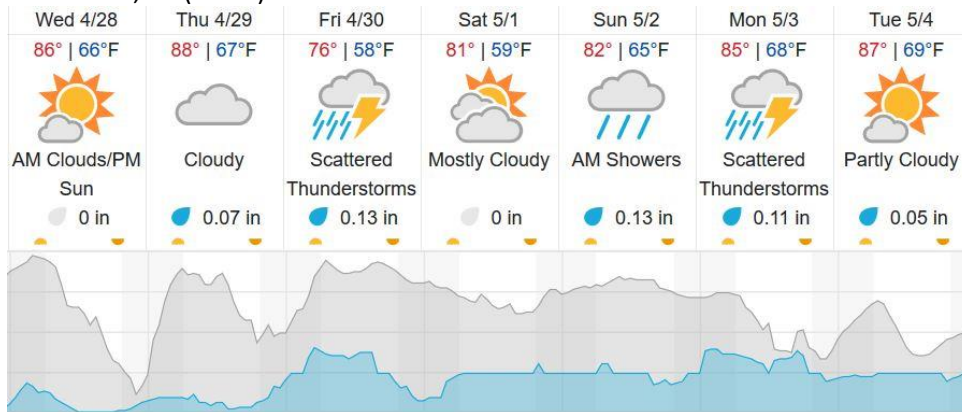
Tuscaloosa, AL (TALL)



Demopolis, AL (DELA)



Coffeeville, AL (LENO)



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for 28 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, Ca