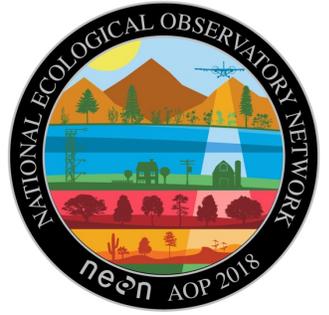




## October 4, 2018 Payload 2 Daily Flight Report



**Date:** 2018-10-04

**Flight Campaign ID:** 2018\_P2C1

**Airport, FBO ID, City:** Gainesville Regional Airport (KGNV) - Gainesville, FL

**Domain:** 03

**Sites Flown:** OSBS\_P2 (Ordway-Swisher Biological Station Priority 2)

**Days left in Domain:** 7

**Report Author:** Mitch Haynes

**Flight Crew:** Mitch Haynes, Abe Morrison

**Flight Hours:** 00:30

**Ground/GPS:** Cameron Chapman

**Hours until maintenance:** 81.52

**Pilots:** Dylan Malfatti, Mike Francis

**Additional Personnel:**

**GPS Instruments:** 10 - OSBS, C-GNVL

### Summary

Forecasts this morning showed rain showers for Kissimmee, ruling out a Disney collect, with Gainesville/Ordway-Swisher looking more promising. Working outside of the normal 40° sun angle restrictions, crew attempted an earlier collect in an effort to gain initial coverage over the remainder of un-flown lines. This plan was foiled once again by quick building cumulus clouds and the flight was aborted before any usable data was collected.

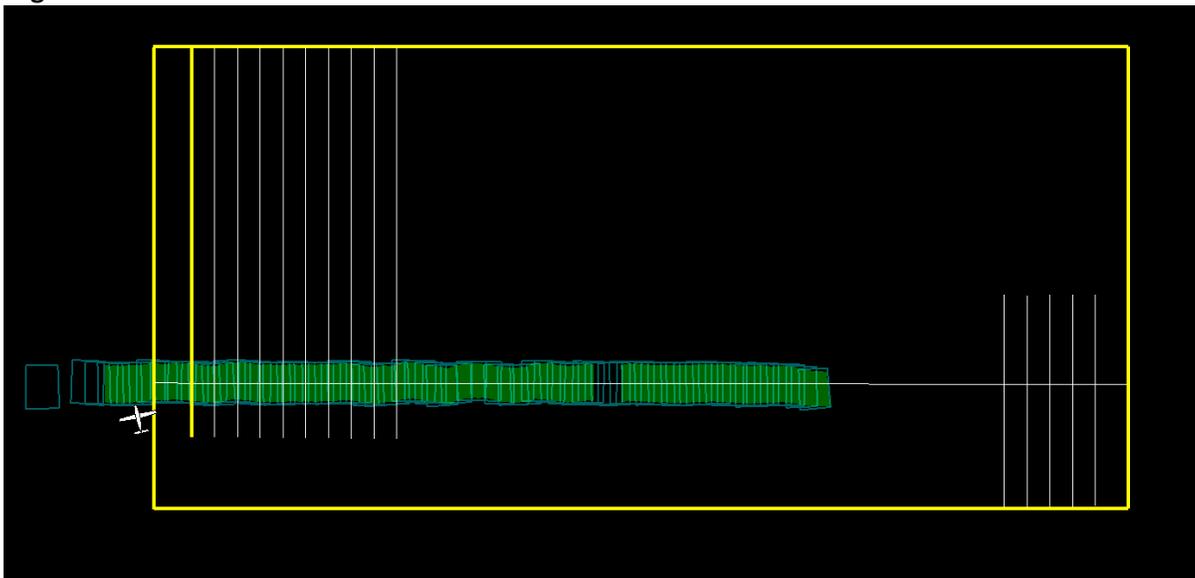
### Concerns

None

### Comments

Crew will attempt collect tomorrow before transitioning operations from Gainesville down to Kissimmee for the remainder of D03

### Flight Screenshots



Above: Crew couldn't even complete a cross strip before clouds forced us to abort collect.

**Pictures**



Above: Cloud conditions above Ordway-Swisher today.

**Cumulative Domain Coverage**

**DSNY**

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| 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 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |    |    |    |    |  |

Flown: 0% (0/36)  
 Green: 0% (0/36)  
 Yellow: 0% (0/36)  
 Red: 0% (0/36)

**JERC\_P1**

|    |    |    |    |    |    |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
|----|----|----|----|----|----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|--|
| 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: 96% (25/26)  
 Yellow: 27% (7/26)  
 Red: 19% (5/26)

**JERC\_P2**

|    |    |    |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
|----|----|----|----|----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|--|
| 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 |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |

Flown: 100% (25/25)  
 Green: 40% (10/25)  
 Yellow: 56% (14/25)  
 Red: 12% (3/25)

**OSBS\_P1**

|    |    |    |    |    |    |    |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
|----|----|----|----|----|----|----|---|---|----|----|----|----|----|----|----|----|----|----|----|--|
| 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 | 27 |   |   |    |    |    |    |    |    |    |    |    |    |    |  |

Flown: 81% (22/27)  
 Green: 0% (0/27)  
 Yellow: 0% (0/27)  
 Red: 81% (22/27)

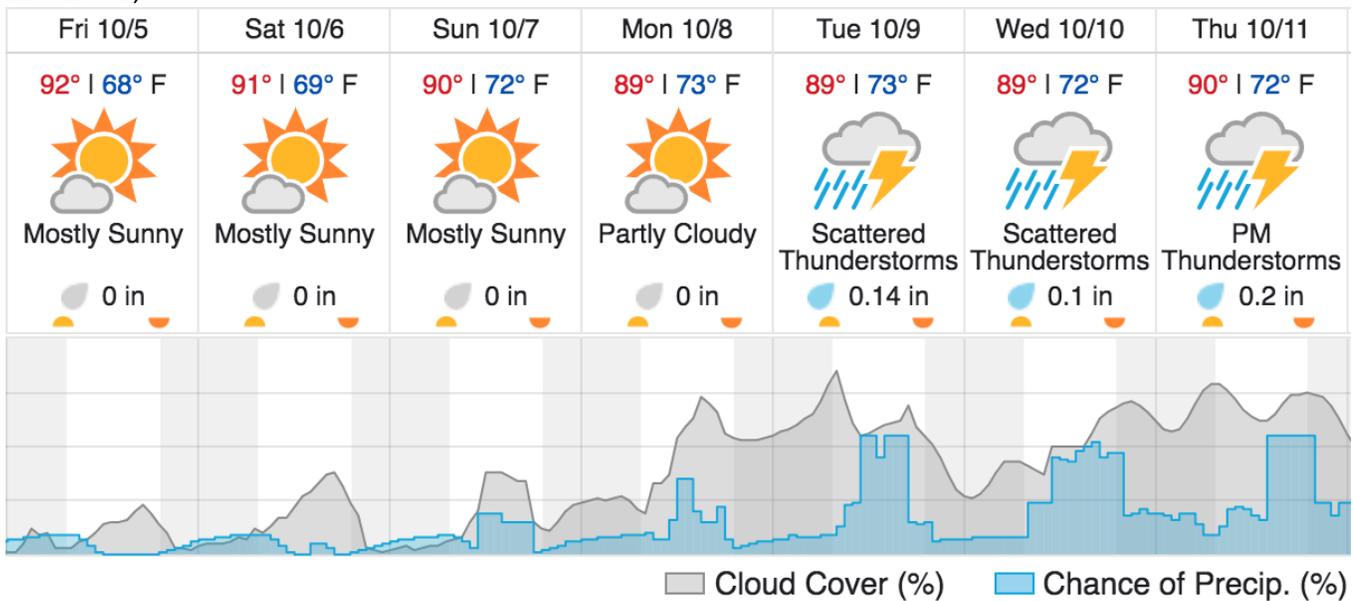
**OSBS\_P2**

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|

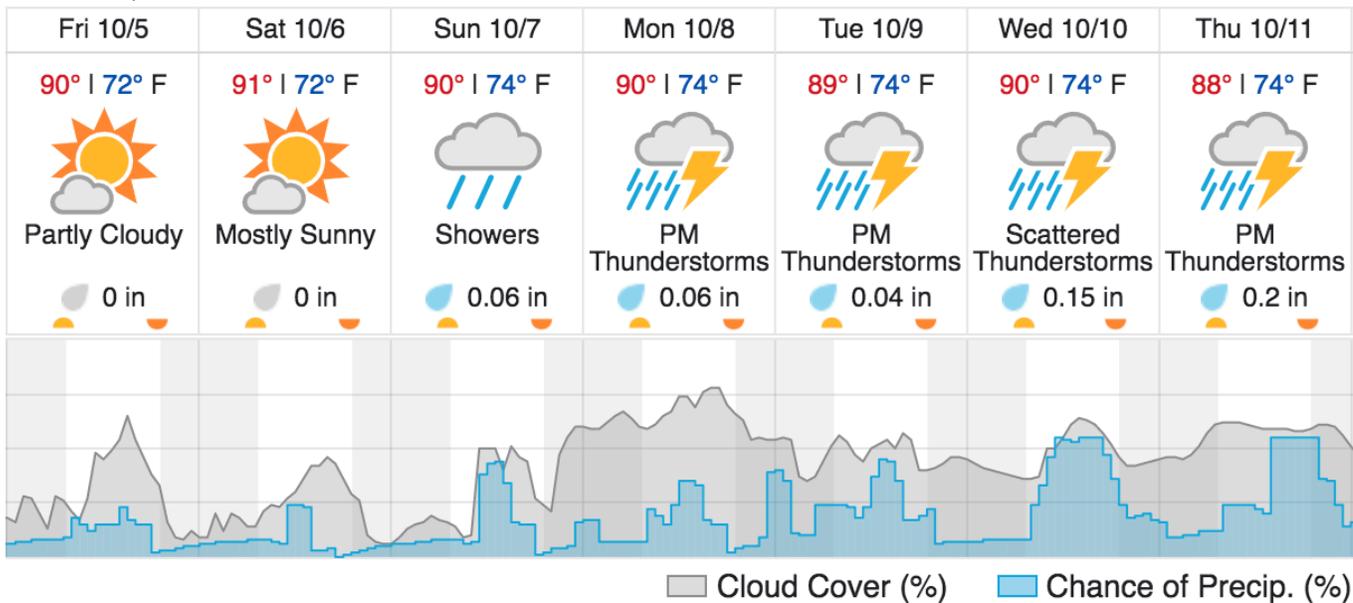
Flown: 0% (0/16)  
 Green: 0% (0/16)  
 Yellow: 0% (0/16)  
 Red: 0% (0/16)

**Weather Forecast**

Gainesville, FL



Kissimmee, FL



## **Flight Collection Plan for 5 Oct 2018**

### **Flyority 1**

Collection Area: Disney Wilderness Preserve (DSNY)

Flight Plan Name: D03\_DSNY\_R1\_P1\_v2B.pln

40° On Station Time: 1040 Local / 1440 UTC

30° On Station Time: 0950 Local / 1350 UTC

### **Flyority 2**

Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 1 Flight Plan *Lines 2–6 & if “Green” add 7–27*

Flight Plan Name: D03\_OSBS\_C1\_P1\_v2B.pln

40° On Station Time: 1050 Local / 1450 UTC

30° On Station Time: 1050 Local / 1450 UTC

### **Flyority 3**

Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 2 Flight Plan

Flight Plan Name: D03\_OSBS\_C1\_P2\_v2B.pln

40° On Station Time: 1050 Local / 1450 UTC

30° On Station Time: 1000 Local / 1400 UTC

### **Crew**

**Lidar:** Abe Morrison **NIS:** Cameron Chapman **Ground:** Mitch Haynes