



October 11, 2018 Payload 2 Daily Flight Report



**Date:** 2018-10-11  
**Flight Campaign ID:** 2018\_P2C1  
**Airport, FBO ID, City:** Kissimmee Gateway Airport (KISM) - Kissimmee, FL

**Domain:** 03  
**Sites Flown:** None  
**Days left in Domain:** 4

**Report Author:** Ivana Vu  
**Flight Crew:** Abe Morrison, Ivana Vu  
**Ground/GPS:** Mike Wussow  
**Pilots:** Dylan Malfatti, Mike Francis  
**Additional Personnel:** None  
**GPS Instruments:** None

**Flight Hours:** 00:00  
**Hours until maintenance:** 78.73

**Summary**

Low clouds and rain prevented flights again but the weather is forecasted to improve these next few days.

**Concerns**

None

**Comments**

- NIS chamber was vacuum pumped
- Crew will stay in D03 and depart no later than Tuesday, October 16<sup>th</sup>
- Current weather forecasts at DSNY and OSBS indicate that we should collect data at OSBS tomorrow. Eben Broadbendt of UF will deploy a GPS base station at the site in case we do.

**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: 8% (3/36)  
 Green: 0% (0/36)  
 Yellow: 0% (0/36)  
 Red: 8% (3/36)

**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: 100% (27/27)  
 Green: 15% (4/27)  
 Yellow: 11% (3/27)  
 Red: 81% (22/27)

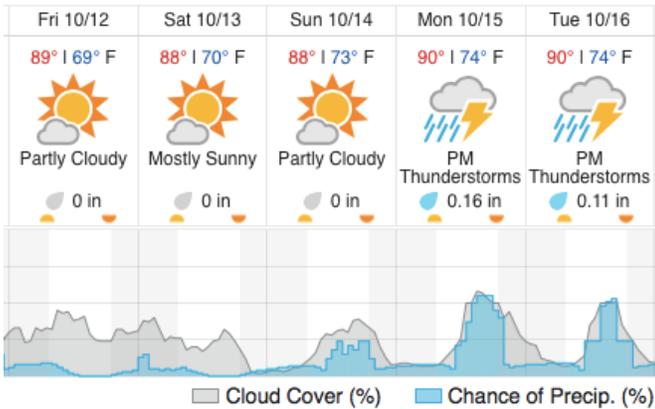
### OSBS\_P2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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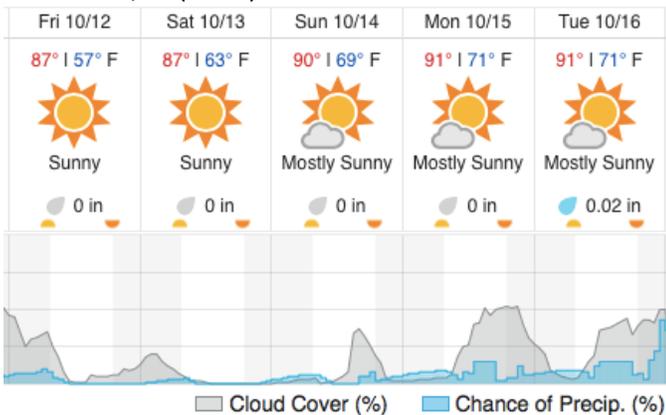
Flown: 0% (0/16)  
 Green: 0% (0/16)  
 Yellow: 0% (0/16)  
 Red: 0% (0/16)

### Weather Forecast

Kissimmee, FL (FBO, DSNY)



Gainesville, FL (OSBS)



## **Flight Collection Plan for 12 Oct 2018**

### **Flyority 1**

Collection Area: Disney Wilderness Preserve (DSNY)

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

40° On Station Time: 1050 Local / 1450 UTC

30° On Station Time: 1000 Local / 1400 UTC

### **Flyority 2**

Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 1 Flight Plan *\*\*If "Green" Sky conditions\*\**

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

40° On Station Time: 1050 Local / 1450 UTC

30° On Station Time: 1000 Local / 1400 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:** Mike Wussow **NIS:** Ivana Vu