



September 13, 2018 Payload 2 Daily Flight Report



**Date:** 2018-09-13

**Flight Campaign ID:** 2018\_P2C1

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

**Domain:** 03

**Sites Flown:** None

**Days left in Domain:** 21

**Report Author:** Mitch Haynes

**Flight Crew:** Mitch Haynes

**Flight Hours:** 00:00

**Ground/GPS:** Abe Morrison

**Hours until maintenance:** 101.38

**Pilots:** Mike Francis, Gina Moore

**Additional Personnel:**

**GPS Instruments:** None

**Summary**

Crew ran into some unexpected hangar power and accessibility concerns basing out of a new airport in Gainesville but are progressing through them. Pumping continues, while cooling expected to begin this evening.

**Concerns**

Payload 2 has arrived in D03 right at the peak of a very active Hurricane season in the Atlantic. Flight crew will continue to evaluate these storms on a daily basis and make decisions to mitigate risk while still archiving mission success.

**Comments**

- GPS equipment arrived in Gainesville and will begin to be deployed tomorrow
- Hotel kit arrived today, but will not be set up and online until Saturday
- The final GPS equipment in D01 was retrieved and shipped by to Boulder today. Michael Wussow departs D01 to return to CO tomorrow.
- Abe Morrison arrived in Gainesville today, Cameron Chapman scheduled to arrive tomorrow
- KGNV is requiring badges even for crew hangar access. Abe and Mitch both filed today and will hopefully get badges by mid-next week. Till that time, crew access to hangar will be limited to when FBO staff or Airport ops is accompanied.

**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: 0% (0/26)

Green: 0% (0/26)

Yellow: 0% (0/26)

Red: 0% (0/26)

**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: 0% (0/25)  
 Green: 0% (0/25)  
 Yellow: 0% (0/25)  
 Red: 0% (0/25)

**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: 0% (0/27)  
 Green: 0% (0/27)  
 Yellow: 0% (0/27)  
 Red: 0% (0/27)

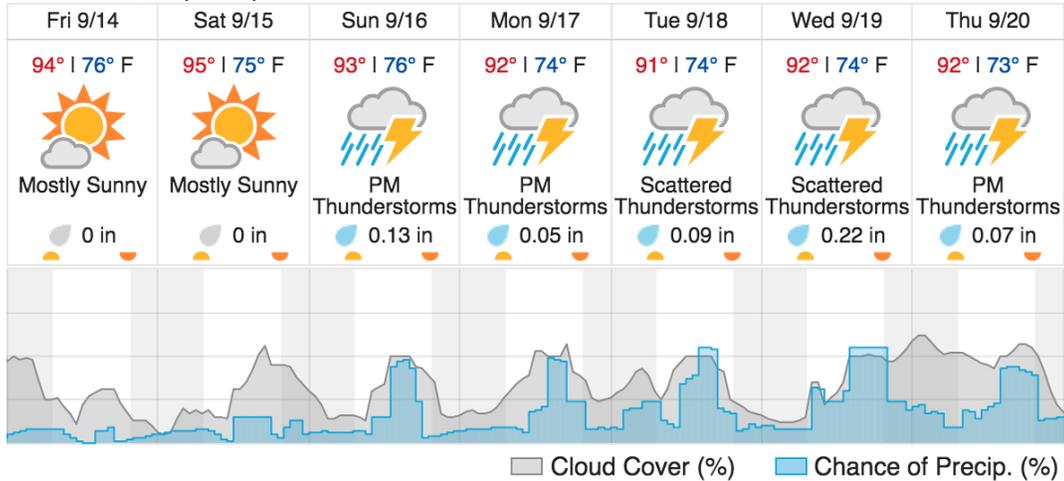
**OSBS\_P2**

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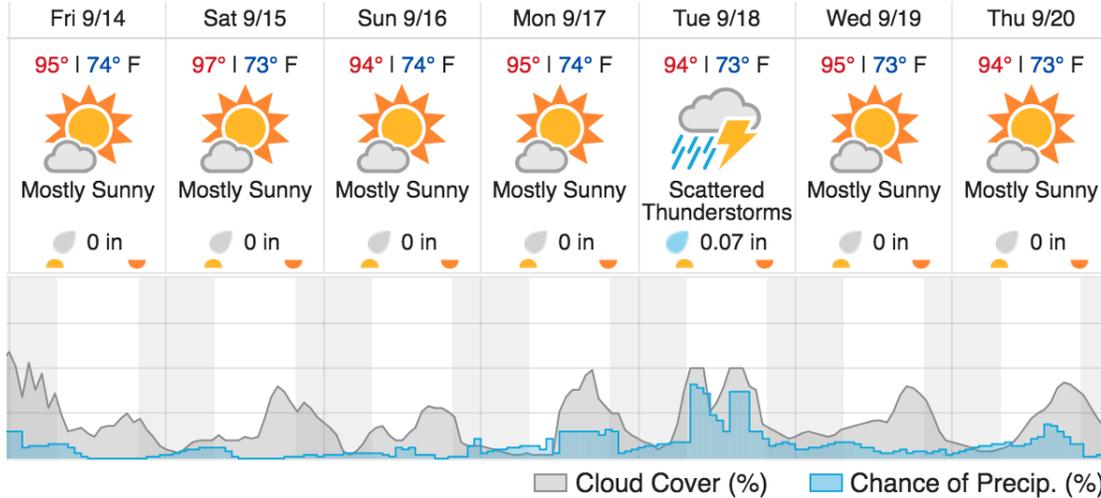
Flown: 0% (0/16)  
 Green: 0% (0/16)  
 Yellow: 0% (0/16)  
 Red: 0% (0/16)

**Weather Forecast**

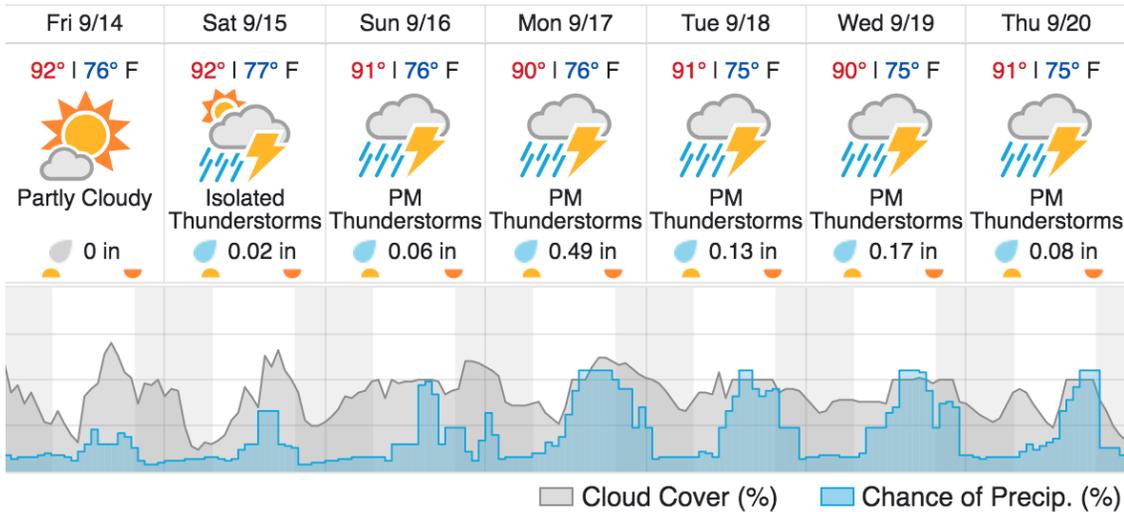
**Gainesville, FL (OSBS)**



**Newton, GA (JERC)**



**Kissimmee, FL (DSNY)**



### **Flight Collection Plan for 14 Sept 2018**

Pumping and Cooling of System

### **Flight Collection Plan for 15 Sept 2018**

#### **Flyority (Flight Priority) 1**

Collection Area: Disney Wilderness Preserve (DSNY)

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

On Station Time: 1020 Local / 1420 UTC

#### **Flyority 2**

Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 1 Flight Plan

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

On Station Time: 1030 Local / 1430 UTC

#### **Flyority 3**

Collection Area: Jones Ecological Research Center (JERC) Priority 1 Flight Plan

Flight Plan Name: D03\_JERC\_R2\_P1\_v3B.pln

On Station Time: 1040 Local / 1440 UTC

#### **Flyority 4**

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

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

On Station Time: 1030 Local / 1430 UTC

#### **Flyority 5**

Collection Area: Jones Ecological Research Center (JERC) Priority 2 Flight Plan

Flight Plan Name: D03\_JERC\_R2\_P2\_v3B.pln

On Station Time: 1040 Local / 1440 UTC

#### **Crew**

Lidar: Mitch Haynes, NIS: Abe Morrison, Ground/GPS: Cameron Chapman