



## April 11, 2019 Payload 2 Daily Flight Report



**Date:** 2019-04-11

**Flight Campaign ID:** 2019\_P2C1

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

**Domain:** 03

**Sites Flown:** None

**Days left in Domain:** 12

**Report Author:** Michael Wussow

**Flight Crew:** Abe Morrison, Michael Wussow

**Ground/GPS:** None

**Pilots:** Justin Eddington, Micah Hoogeveen

**Additional Personnel:**

**GPS Instruments:** None

**Flight Hours:** 00:00

**Hours until maintenance:** 78.50

### Summary

Fog and IFR conditions gave way to cumulus this morning in Gainesville. Clear skies prior to solar angle near DSNY quickly gave way to the ubiquitous low (3000ft) "small puffies" at almost exactly the start of collection time and survey altitude. No flights were conducted today.

### Concerns

None

### Comments

Mitch Haynes departed today to be replaced by Cameron Chapman.

### 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)

#### 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

28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
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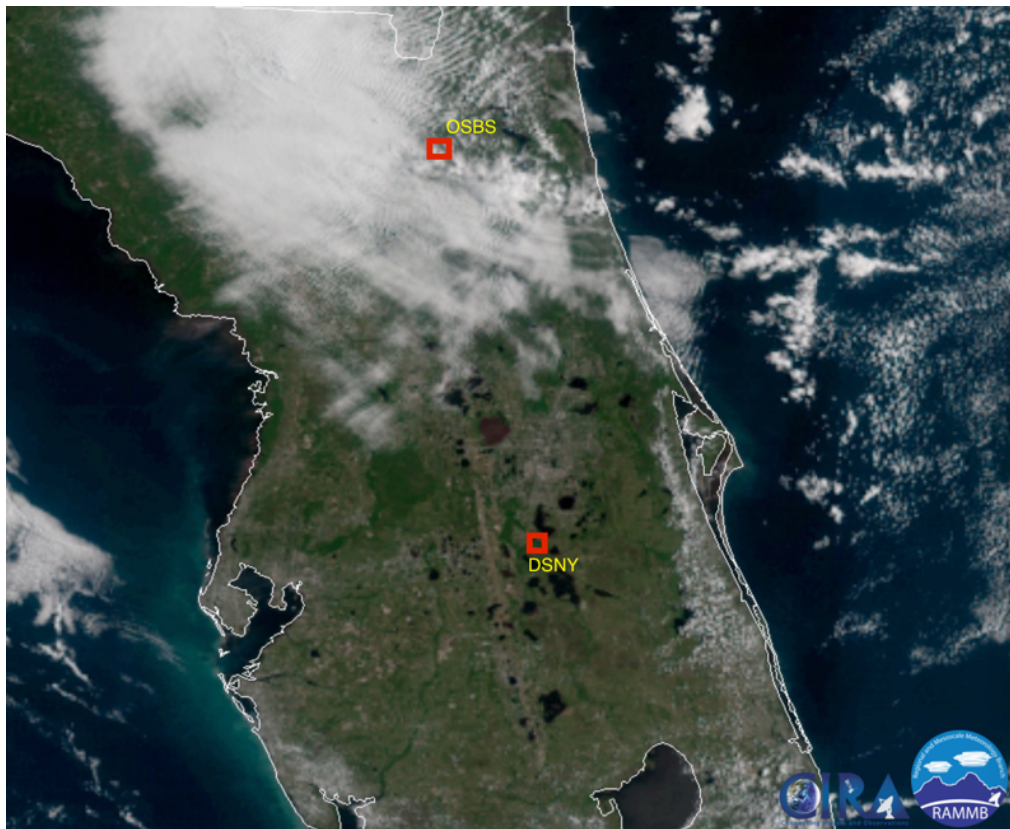
Flown: 0% (0/16)

Green: 0% (0/16)

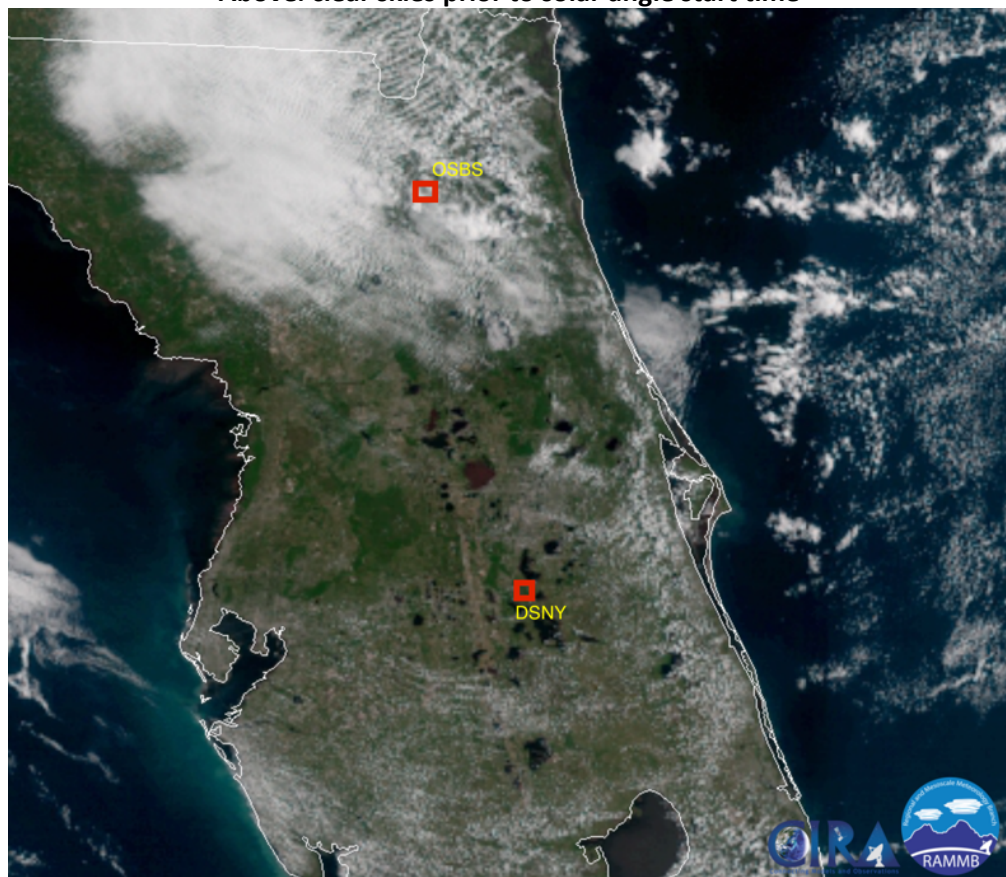
Yellow: 0% (0/16)

Red: 0% (0/16)

## Satellite Images

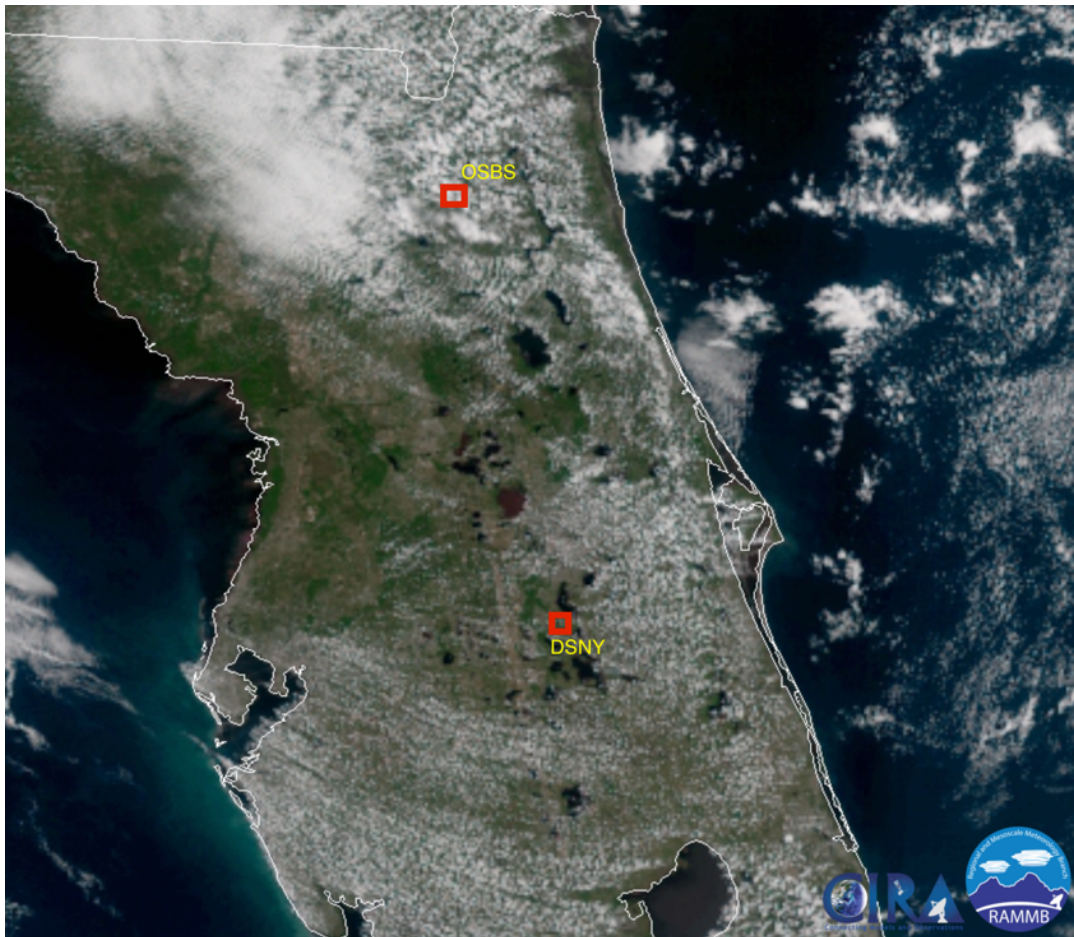


Above: clear skies prior to solar angle start time



Above: quickly building low cumulus at DSNY at start of solar angle

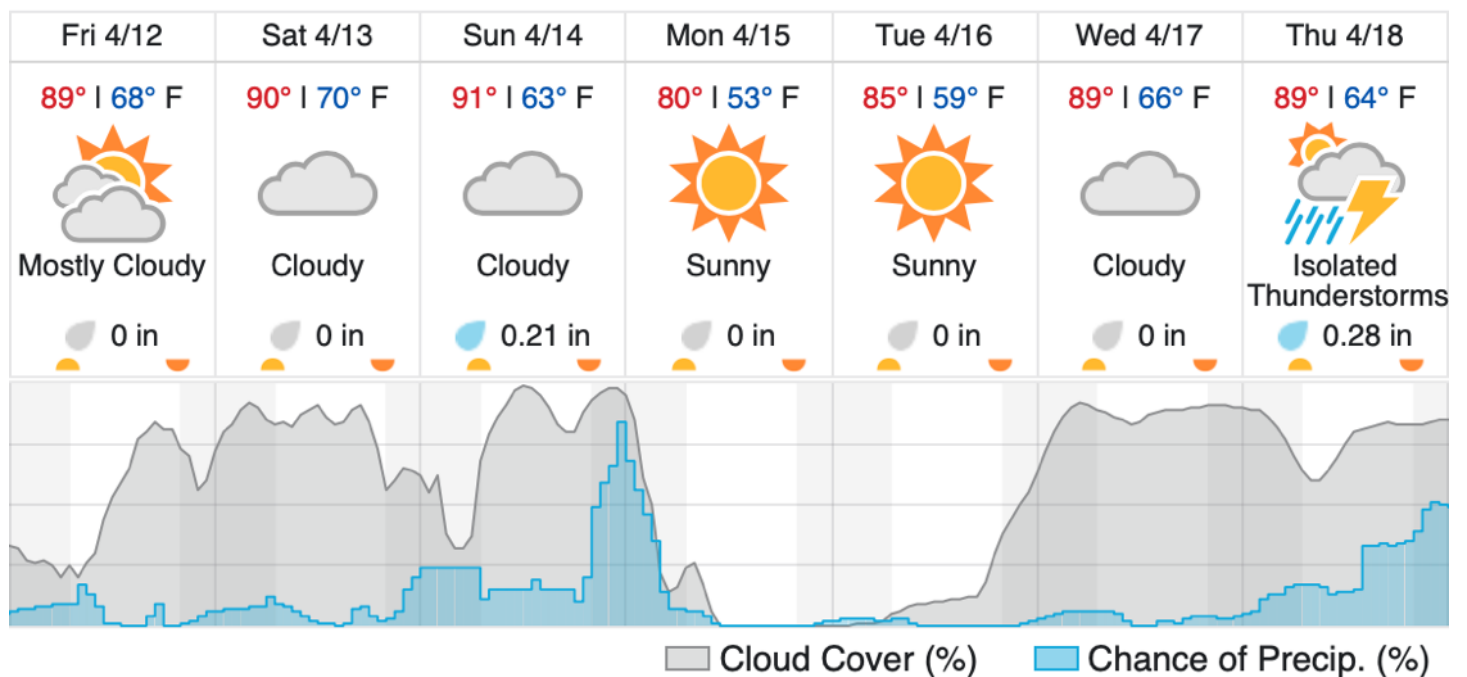




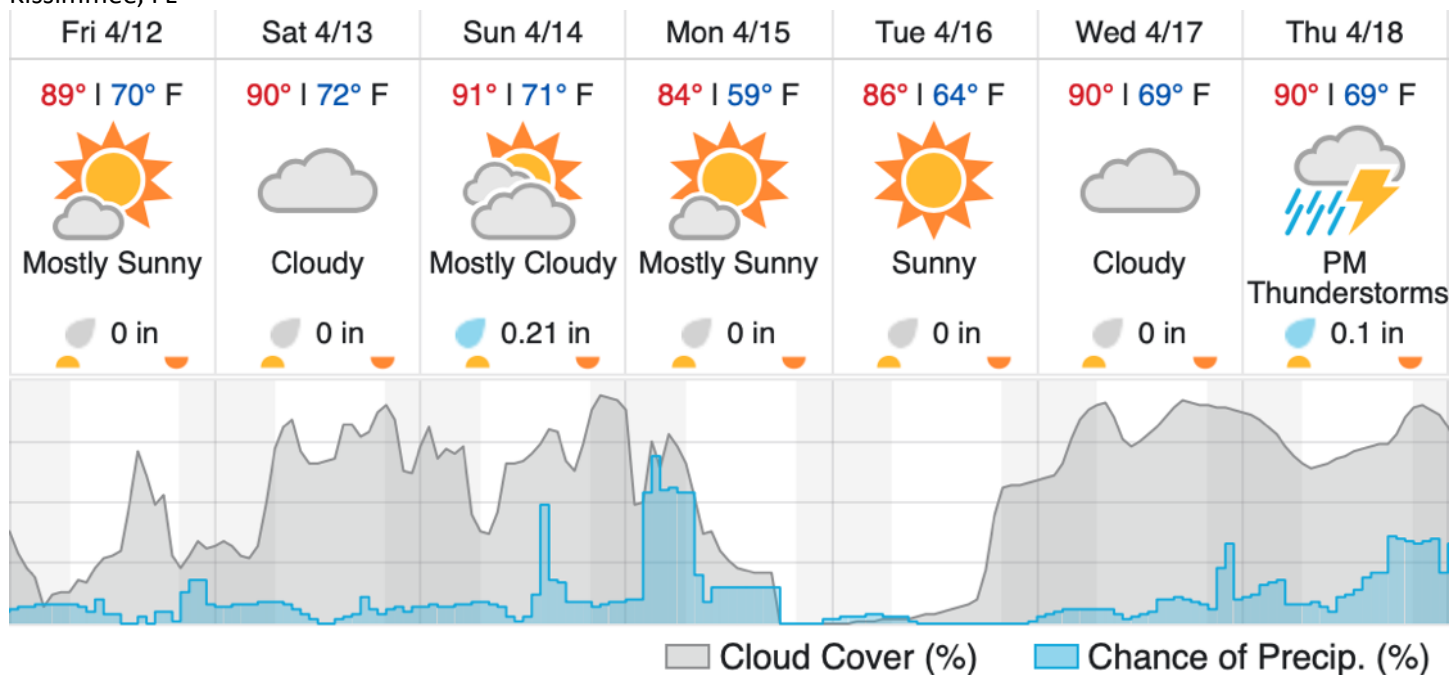
Above: low cumulus dominating the sky 30 minutes after solar angle start

## Weather Forecast

Gainesville, FL



Kissimmee, FL



#### Flight Collection Plan for 11 April 2019

##### Flyority 1:

Collection Area: Disney Wilderness Preserve (DSNY)

Flight Plan Name: D03\_DSNY\_R1\_P1\_v3.pln

On Station Time: 1020 L / 1420 UTC

##### Flyority 2:

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

Flight Plan Name: D03\_OSBS\_C1\_P1\_P2\_v3.pln

On Station Time: 1020 L / 1420 UTC

##### Flyority 3:

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

Flight Plan Name: D03\_OSBS\_C1\_P1\_P2\_v3.pln

On Station Time: 1020 L / 1420 UTC

##### Flyority 4:

Collection Area: Nominal Runway – D03

Flight Plan Name: D03\_N03A\_Nominal\_Runway\_Test\_v1.pln

On Station Time: N/A

**Crew:** Abe Morrison (**LiDAR**), Mike Wussow (**NIS**), Cameron Chapman (**Ground/GPS**)