



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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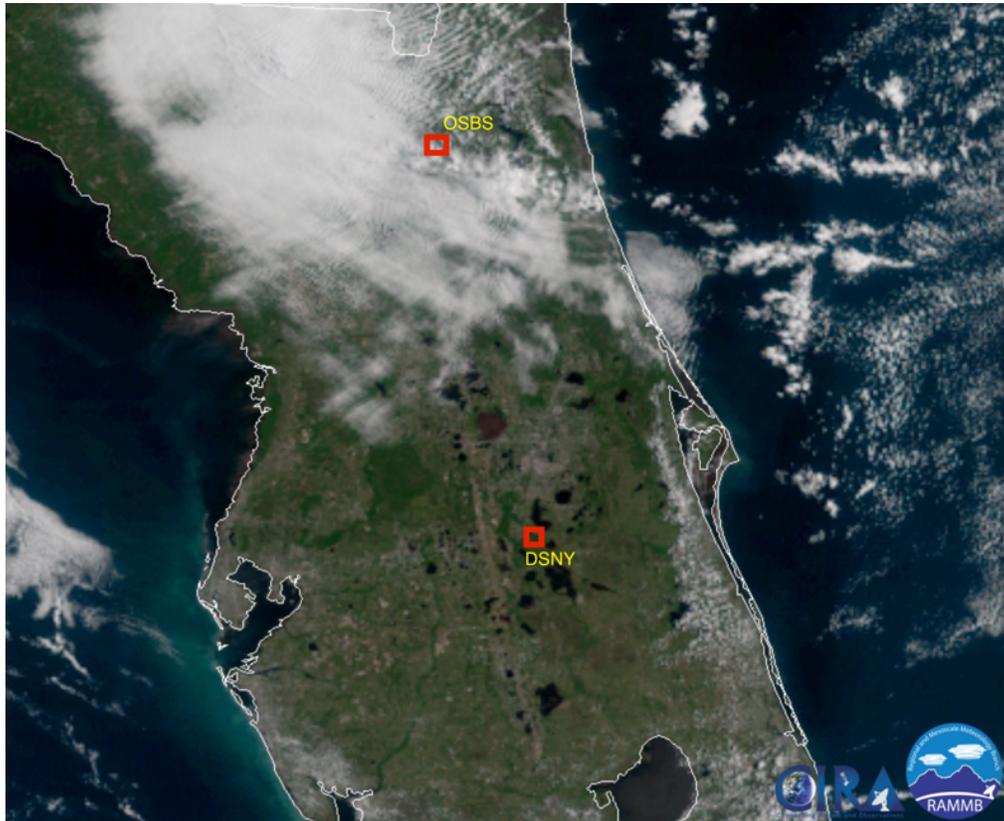
Flown: 0% (0/16)

Green: 0% (0/16)

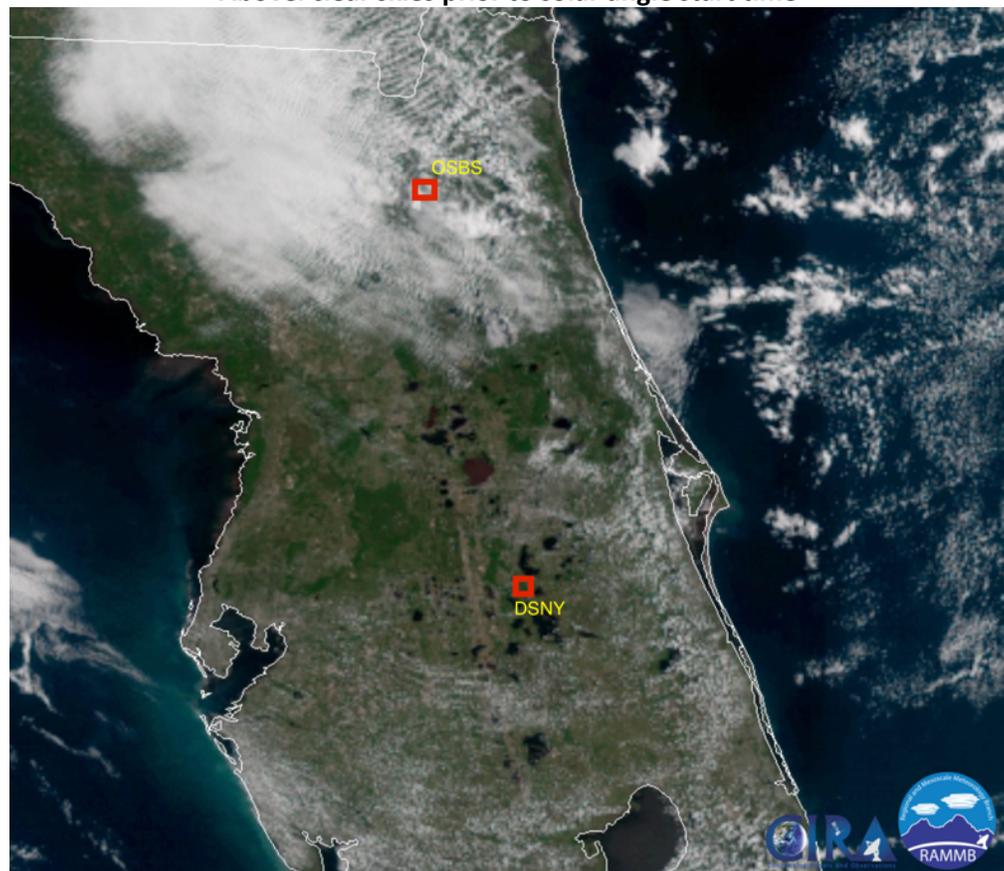
Yellow: 0% (0/16)

Red: 0% (0/16)

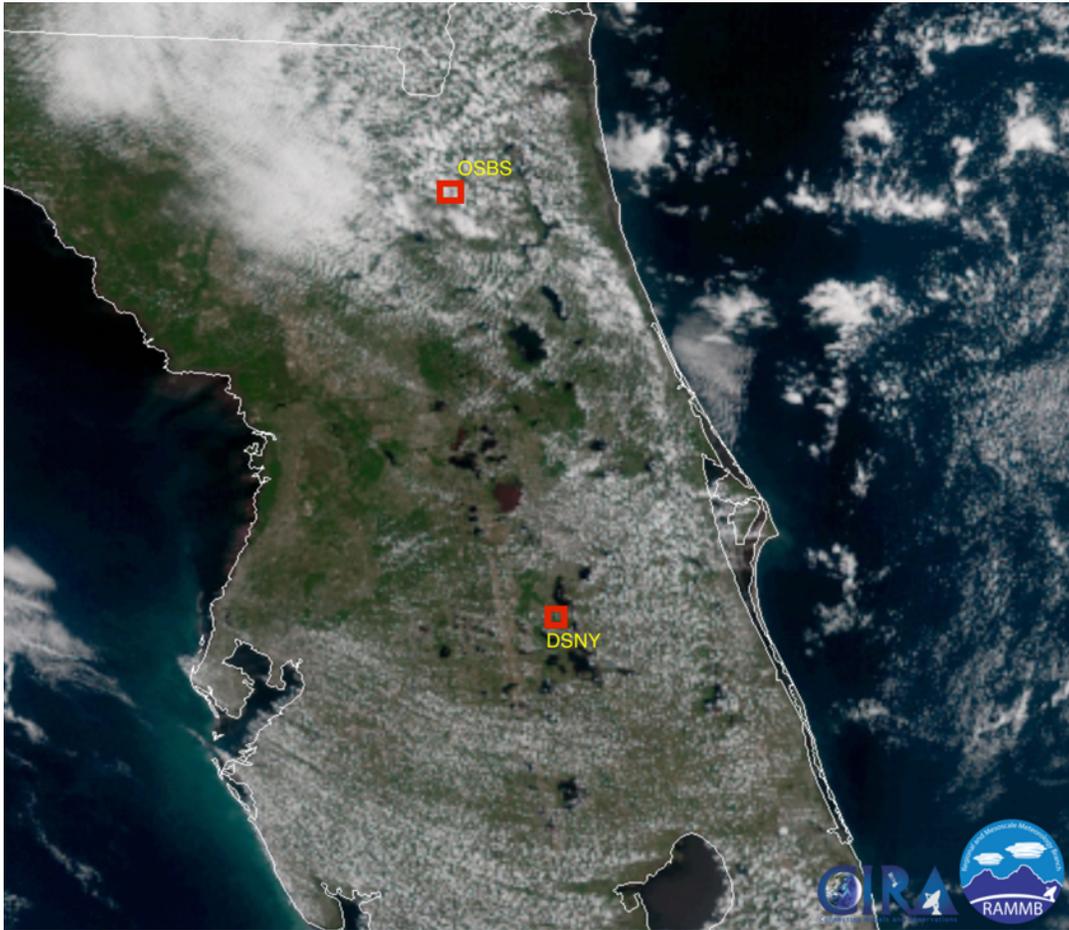
Satellite Images



Above: clear skies prior to solar angle start time

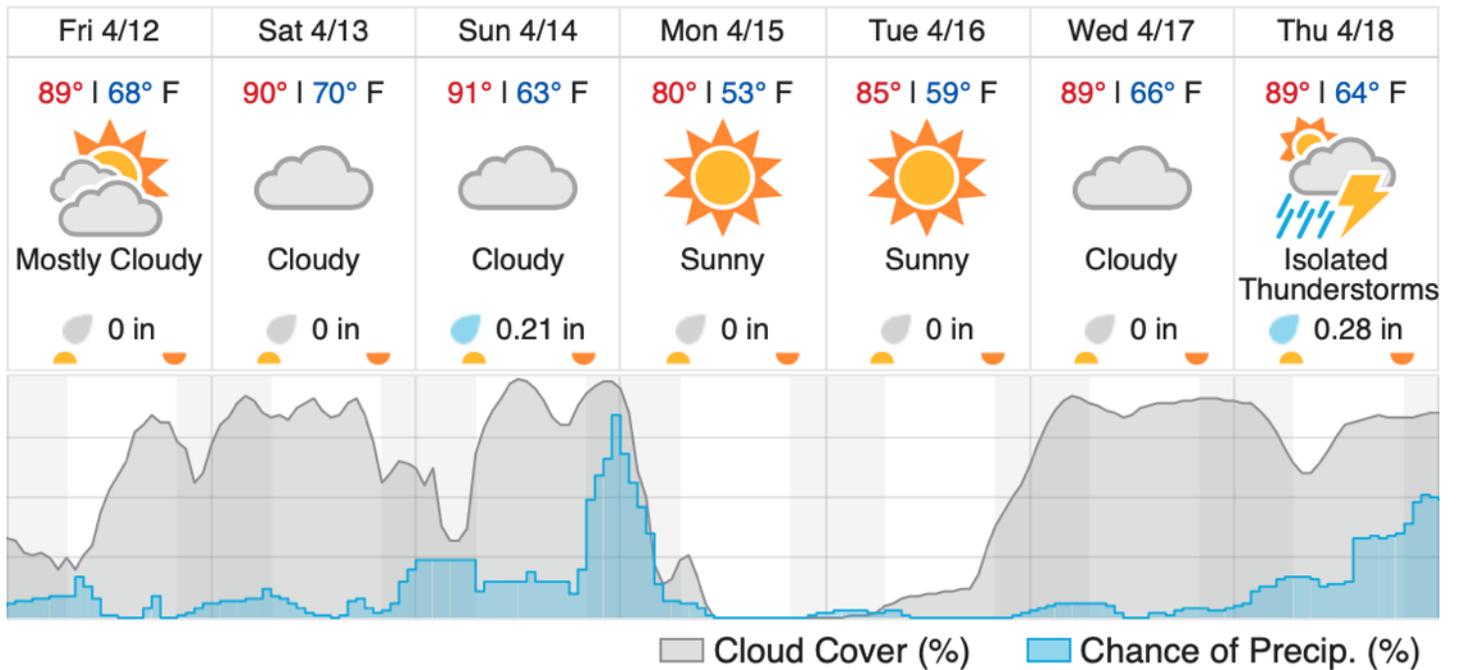


Above: quickly building low cumulus at DSNY at start of solar angle

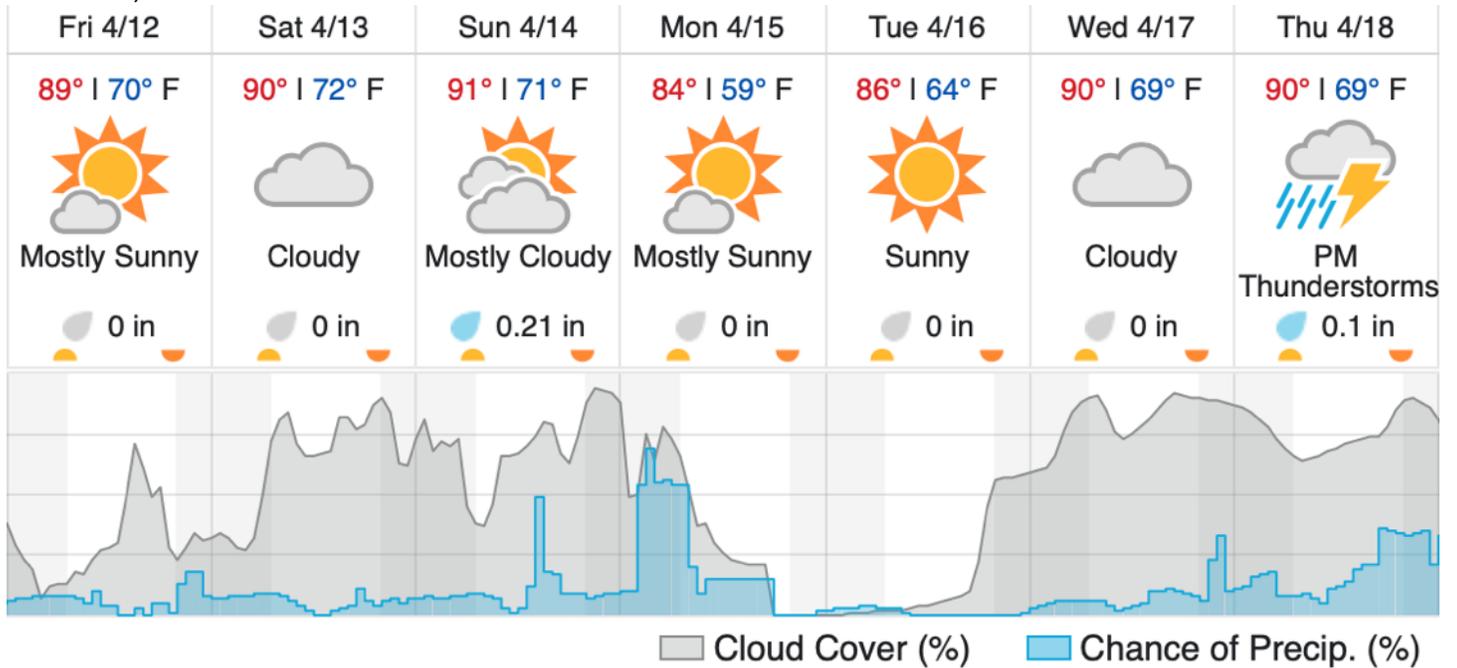


Above: low cumulus dominating the sky 30 minutes after solar angle start

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**)