



April 15, 2019 Payload 2 Daily Flight Report

Date: 2019-04-15

Flight Campaign ID: 2019_P2C1

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

Domain: 03

Sites Flown: DSNY (Disney Wilderness Preserve), OSBS_P1 (Ordway-Swisher Biological Station Priority 1)

Days left in Domain: 8

Report Author: Abe Morrison

Flight Crew: Abe Morrison, Michael Wussow

Ground/GPS: Cameron Chapman

Pilots: Justin Eddington, Wesley Wyatt

Additional Personnel:

GPS Instruments: C-GNVL, FDOT-FLCC, 00 - AOP_OSBS

Flight Hours: 04:23, 1:55

Hours until maintenance: 70.30

Summary

The crew eagerly took to the sky today with not a cloud in sight!! They flew the OSBS site first as the DSNY site was still clearing the last of the morning clouds out. 16 lines were collected at OSBS (lines 1-16 all under Green conditions) before the decision was made to head to the priority 1 DSNY site. The remainder of the day until the close of solar angel was spent collecting 20 lines (lines 1-20 all under Green conditions). Tomorrow is forecast to be just as wonderful as today!

Concerns

None

Comments

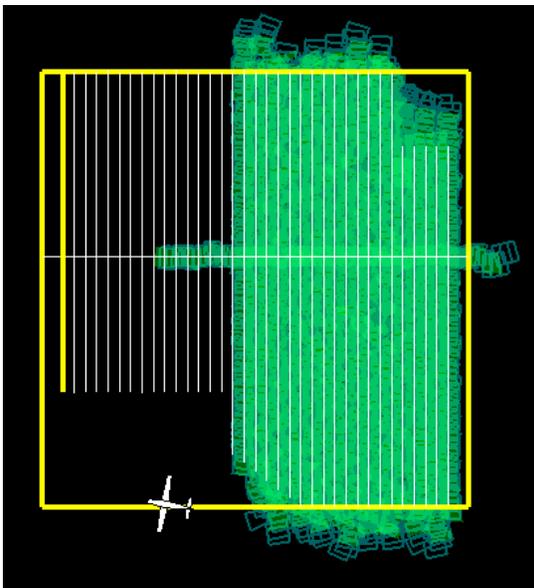
--Lines 1-20 collected at DSNY, green conditions.

--Lines 1-16 collected at OSBS, green conditions.

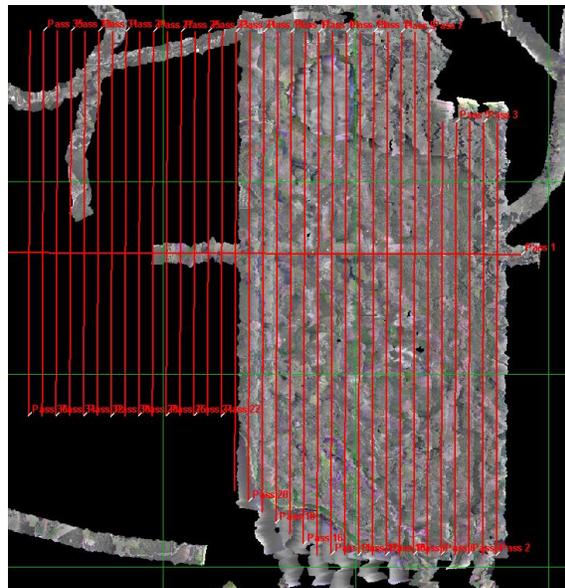
Flight Screenshots

DSNY

Lidar

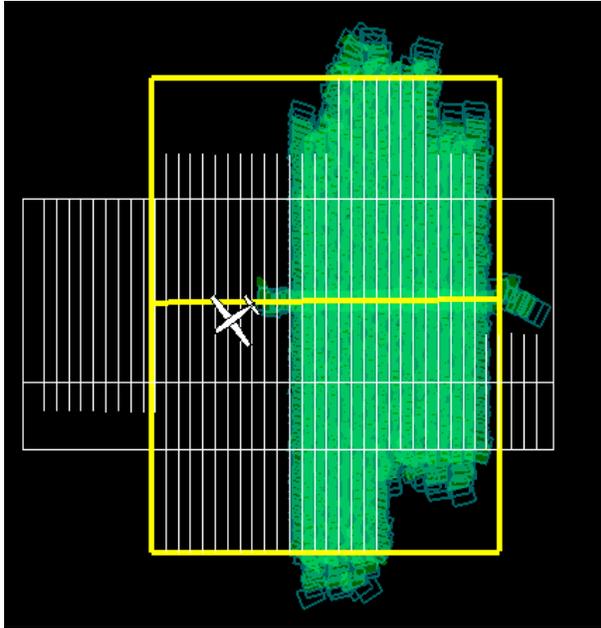


NIS

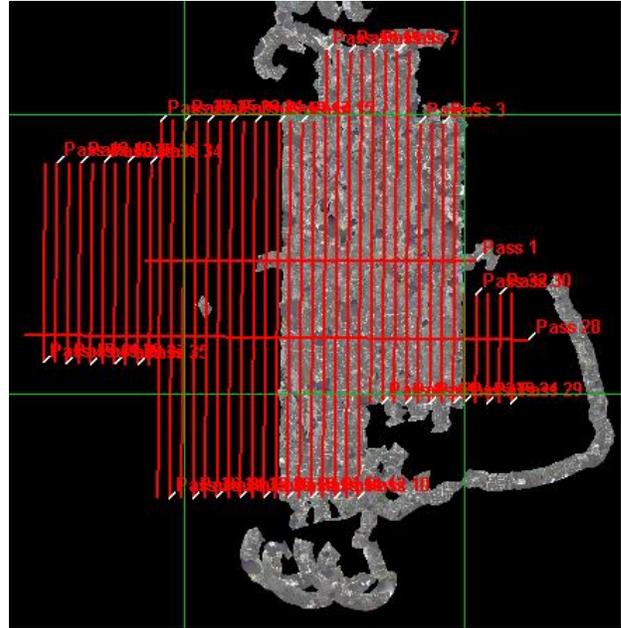


OSBS

Lidar



NIS



Daily Coverage

D03 DSNY	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	NLC
	6				✓	✓	✓	NLC
	7				✓	✓	✓	NLC
	8				✓	✓	✓	NLC
	9				✓	✓	✓	NLC
	10				✓	✓	✓	NLC
	11				✓	✓	✓	NLC
	12				✓	✓	✓	NLC
	13				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	15				✓	✓	✓	NLC
	16				✓	✓	✓	NLC
	17				✓	✓	✓	NLC
	18				✓	✓	✓	NLC
	19				✓	✓	✓	NLC
	20				✓	✓	✓	NLC
Flown:	20							

D03 OSBS_P1	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	NLC
	6				✓	✓	✓	NLC
	7				✓	✓	✓	NLC
	8				✓	✓	✓	NLC
	9				✓	✓	✓	NLC
	10				✓	✓	✓	NLC
	11				✓	✓	✓	NLC
	12				✓	✓	✓	NLC
	13				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	15				✓	✓	✓	NLC
	16				✓	✓	✓	NLC
Flown:	16							

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: 56% (20/36)
 Green: 56% (20/36)
 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: 59% (16/27)
 Green: 59% (16/27)
 Yellow: 0% (0/27)
 Red: 0% (0/27)

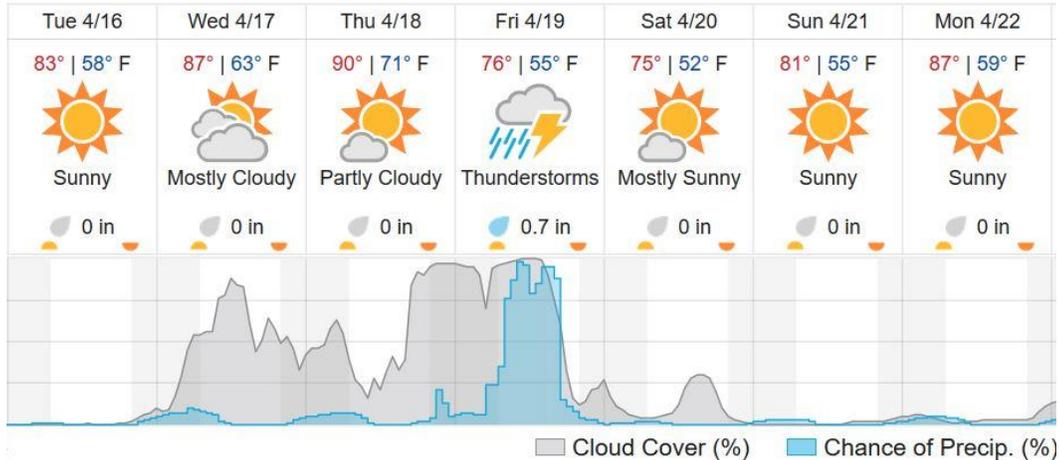
OSBS_P2

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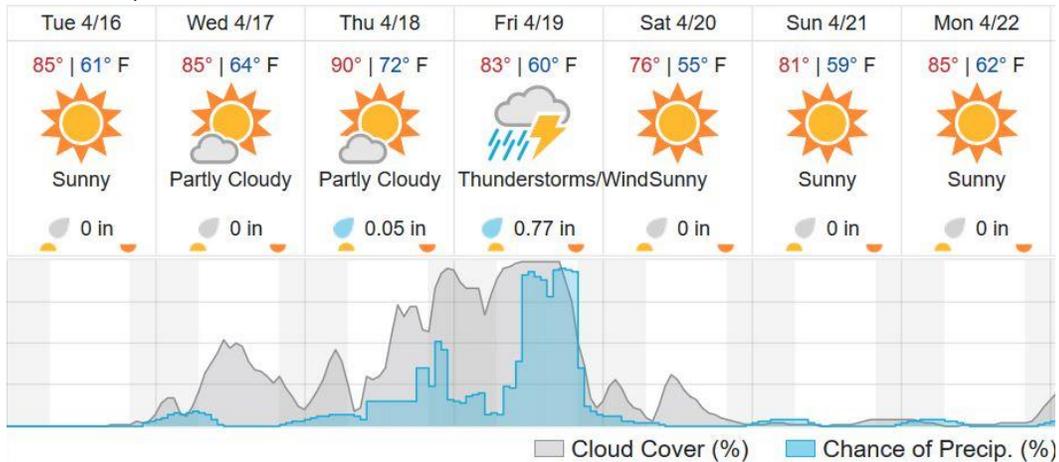
Flown: 0% (0/16)
 Green: 0% (0/16)
 Yellow: 0% (0/16)
 Red: 0% (0/16)

Weather Forecast

Gainesville, FL



Kissimmee, FL



Flight Collection Plan for 16 April 2019

Flyority 1:

Collection Area: Disney Wilderness Preserve (DSNY)

Flight Plan Name: D03_DSNY_R1_P1_v3.pln

On Station Time: 1010 L / 1410 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: (LiDAR) Cameron Chapman (NIS) Abe Morrison (Ground/GPS) Mike Wussow