



Payload 3 Daily Flight Report

Date: 2025-05-13

Flight Campaign ID: P3C1

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

Aircraft: N821AR

Domain: 03 (Southeast)

Sites Flown: None

Days left in Domain: 8

Report Author: Cameron

Lidar Operators: Cameron

Flight Hours: 00:00

Spectrometer Operators: John

Hours until maintenance: 101.85

Pilots: Jeff, Justin

Summary

The crew mobilized to the airport this morning in hopes of an opportunity to collect data, however clouds continued to build at flight altitude and a round of scattered rain showers precluded any flights from occurring.

Concerns

- The UPS initially started draining upon stating the NON ECS #1 switch, however after booting the entire NIS system, the battery started recharging. (Note: Lidar system was not on.) We will continue to monitor.

Comments

- Hg Lamp was collected today.

Daily Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

Solar Angle Less Than 40 degrees: (*)

Cumulative Domain Coverage

D03 | DSNY (Disney Wilderness Preserve)

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)

* Flown within 35deg solar angle

D03 | OSBS_P1 (Ordway-Swisher Biological Station Priority 1)

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)

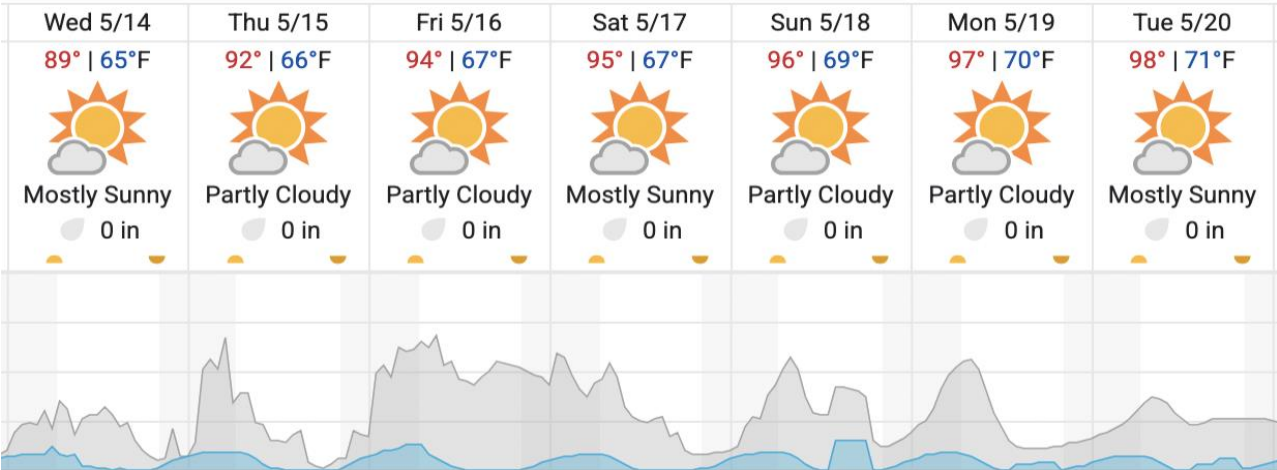
Green: 0% (0/27)
Yellow: 0% (0/27)
Red: 0% (0/27)
* Flown within 35deg solar angle

D03 | OSBS_P2 (Ordway-Swisher Biological Station Priority 2)

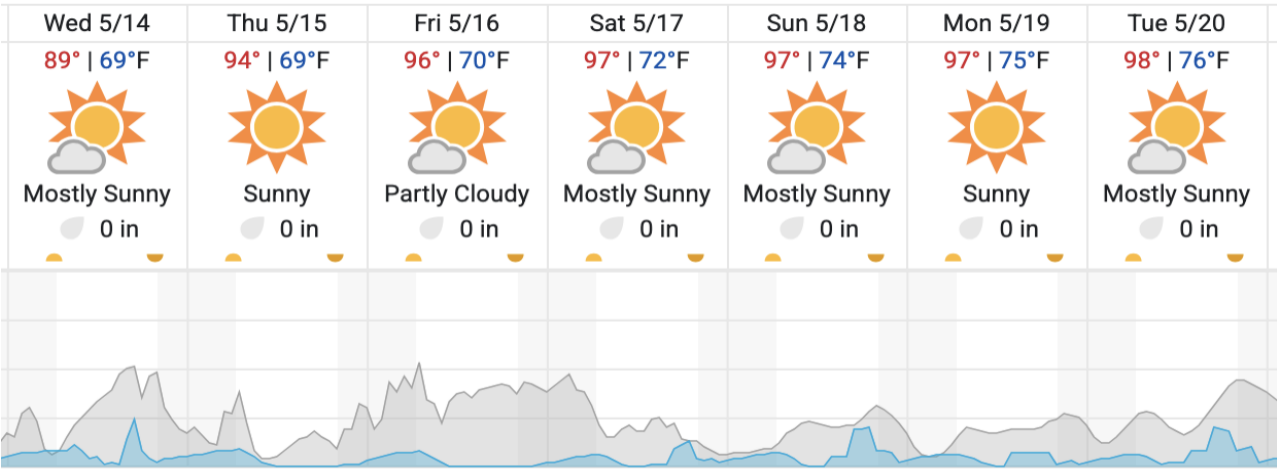
28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
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Flown: 100% (16/16)
Green: 0% (0/16)
Yellow: 0% (0/16)
Red: 100% (16/16)
* Flown within 35deg solar angle

Weather Forecast
Gainesville, FL (OSBS)



Kissimmee, FL (DSNY)



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for May 14, 2025

Flyority 1
Collection Area: Ordway-Swisher Biological Station (OSBS)
Flight Plan Name: D03_OSBS_C1_P1_v2_Q780
On-Station Time: 1400 UTC/ 1000 L

Flyority 2

Collection Area: Disney Wilderness Preserve (DSNY)

Flight Plan Name: D03_DSNY_R1_P1_v3_Q780

On-Station Time: 1400 UTC / 1000 L

Flyority 3 – Only if Green

Collection Area: Ordway-Swisher Biological Station (OSBS)

Flight Plan Name: D03_OSBS_C1_P2_v2_Q780_east

On-Station Time: 1400 UTC/ 1000 L

Flyority 4 – Only if Green

Collection Area: Ordway-Swisher Biological Station (OSBS)

Flight Plan Name: D03_OSBS_C1_P2_v2_Q780_west

On-Station Time: 1400 UTC/ 1000 L

Crew: John (Lidar), Cam (NIS)