

Payload 3 Daily Flight Report

Date: 2025-05-11

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: 10

Report Author: Mitch

Lidar Operators: Mitch

Flight Hours: 00:00

Spectrometer Operators: Cameron

Hours until maintenance: 101.85

Pilots: Justin, Jeff

Ground Crew: John

Summary

Heavy showers on and off throughout the solar angle day prevented any attempt of a flight from occurring.

Concerns

Ant entrance point into the aircraft has been identified as the GPU cord. An ant repellent has been applied to the cord and entry areas.

Comments

Conducted a tour today with students of Kyla Dahlin from MSU, who were conducting fieldwork at OSBS this week.

Pictures: A group photo following today's tour.





Above: Cameron looks on intensely following a question. Below: John discussing the ins and outs of the spectrometer.



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

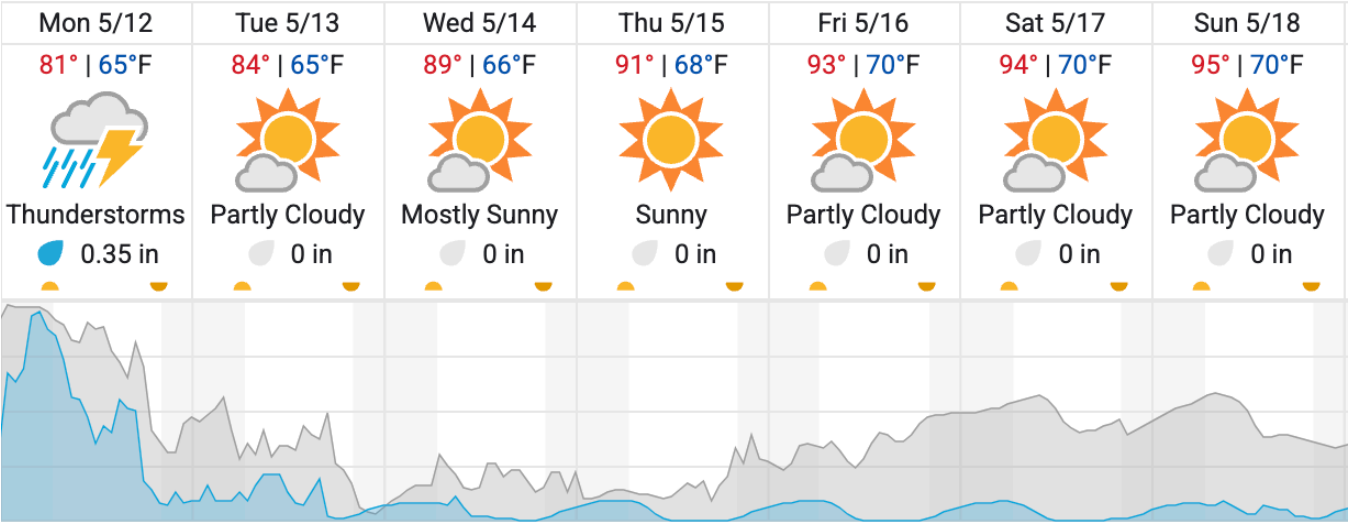
D03 | OSBS_P2 (Ordway-Swisher Biological Station Priority 2)

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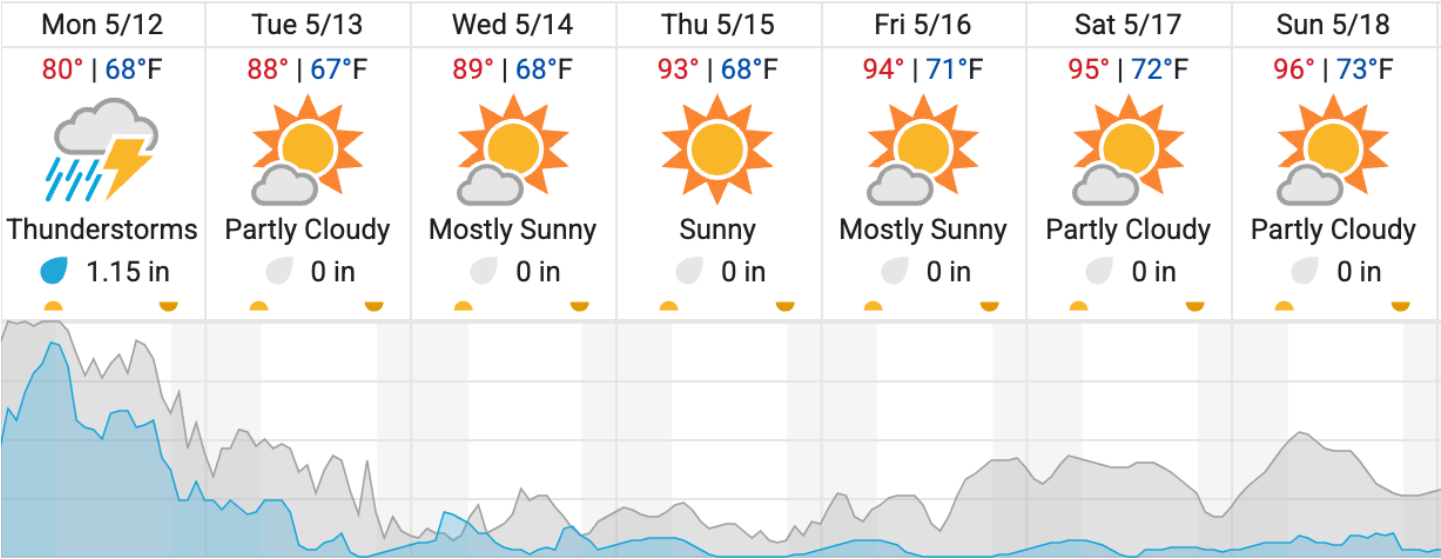
Flown: 100% (16/16)
Green: 0% (0/16)
Yellow: 0% (0/16)
Red: 100% (16/16)
* Flown within 35deg solar angle

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 12, 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)