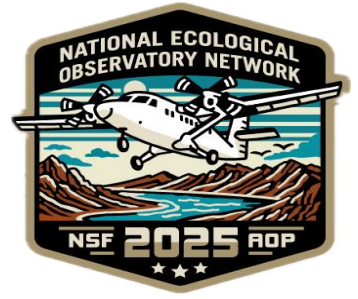




## Payload 3 Daily Flight Report



**Date:** 2025-05-19

**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:** 2

**Report Author:** Elissa

**Lidar Operators:** Elissa

**Flight Hours:** 00:00

**Spectrometer Operators:** Mike **Hours until maintenance:** 91.48

**Pilots:** Jeff, Rob

### Summary

Despite clear skies early this morning before our solar angle window, cirrus and cumulus steadily encroached and prevented green data collection. The day was spent addressing discrepancies in the database and data extractions for the domain's flights. RAID 03 was validated and is ready to be shipped tomorrow morning.

### Concerns

None.

### Comments

- The GPS uploader has been repaired by Andrew and was successfully tested today. All GPS data for the D03 flights have now been uploaded.
- We are awaiting an incoming shipment of lightning and USB cables from headquarters that will allow further troubleshooting the pilot display issue.
- Packing and shipping plans were made for the upcoming transit to D02.
- AOP permanent GPS stations OAES, BLAN, and WREF were discovered to have systematic time errors (logging October 2005). Updating the firmware for these older NetRS systems fixed the issue. Thanks to John A for assisting.

### Cumulative Domain Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (\*)

### 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: 100% (36/36)

Green: 100% (36/36)

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: 96% (26/27)

Green: 96% (26/27)

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)

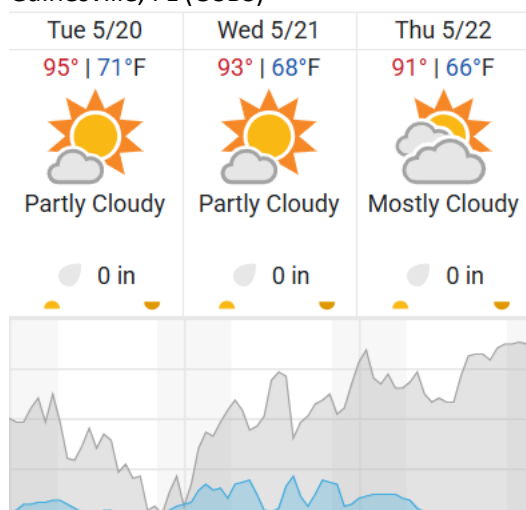
Yellow: 0% (0/16)

Red: 100% (16/16)

\* Flown within 35deg solar angle

## Weather Forecast

### Gainesville, FL (OSBS)



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

## **Flight Collection Plan for 20 May 2025**

Flyority 1– Only if Green

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

Flight Plan Name: D03\_OSBS\_C1\_P2\_v2\_Q780\_east

On-Station Time: 1400 UTC/ 1000 L

Crew: Mike (Lidar), Elissa (NIS)