



## Payload 3 Daily Flight Report

**Date:** 2025-05-02

**Flight Campaign ID:** P3C1

**Airport, FBO ID, City:** Pensacola International Airport (KPNS) - Pensacola, FL; Gainesville Regional Airport (KGNV) - Gainesville, FL

**Aircraft:** N821AR

**Domain:** 00 (Training & Calibration), 03 (Southeast)

**Sites Flown:** Transit ()

**Days left in Domain:** 19

**Report Author:** Cameron

**Lidar Operators:** Cameron **Flight Hours:** 01:52

**Spectrometer Operators:** **Hours until maintenance:** 103.70

**Pilots:** Jeff, Justin

**Ground Crew:** Mitch

### Summary

The crew completed the transit to domain 03 Gainesville FL today and the payload is currently pumping and cooling. We anticipate the system will be ready for data acquisition on schedule.

### Concerns

- None

### Comments

- None

### Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (\*)

Pictures

Cruising along the Florida coast near Panama City Beach in route to Gainesville FL



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

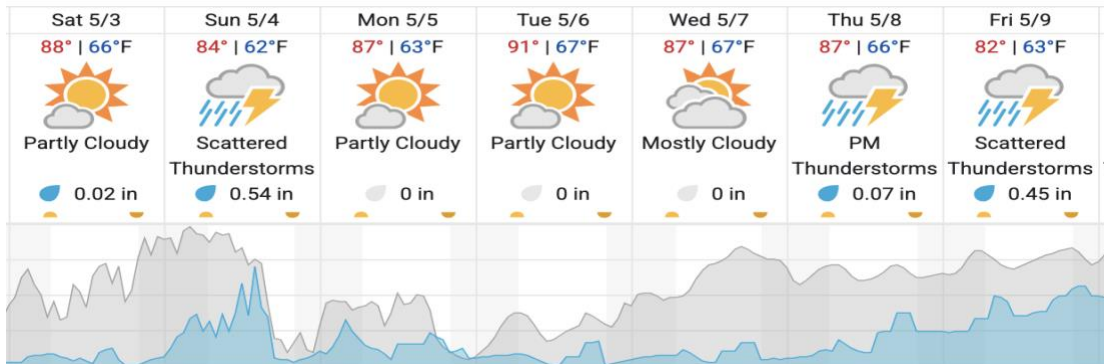
D03 | OSBS\_P2 (Ordway-Swisher Biological Station Priority 2 )

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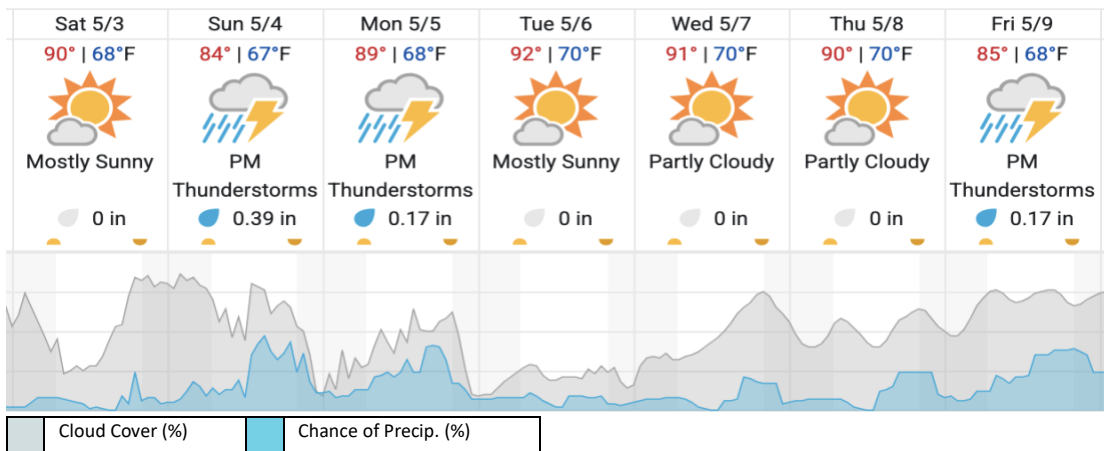
Flown: 0% (0/16)  
Green: 0% (0/16)  
Yellow: 0% (0/16)  
Red: 0% (0/16)  
\* Flown within 35deg solar angle

## Weather Forecast

### Gainesville, FL (OSBS, FBO)



### Kissimmee, FL (DSNY)



source: wunderground.com

#### 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

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

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: Mitch (Lidar) ; Cam (NIS)