



Payload 3 Daily Flight Report



Date: 2025-05-17

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: 4

Report Author: Elissa

Lidar Operators: Elissa

Flight Hours: 00:00

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

Pilots: Justin, Jeff

Ground Crew: Mike

Summary

We hoped for a chance to 'green up' the low priority OSBS lines today, however cirrus clouds remained over the site all day. We instead took the opportunity to catch up on extraction of yesterday's two flights, and to return to the plane for additional troubleshooting of the pilot display issue.

Concerns

Pilot display not syncing.

Comments

The lab plans to order new cables for the pilot display; we hope to implement and test these prior to our departure to D02.

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

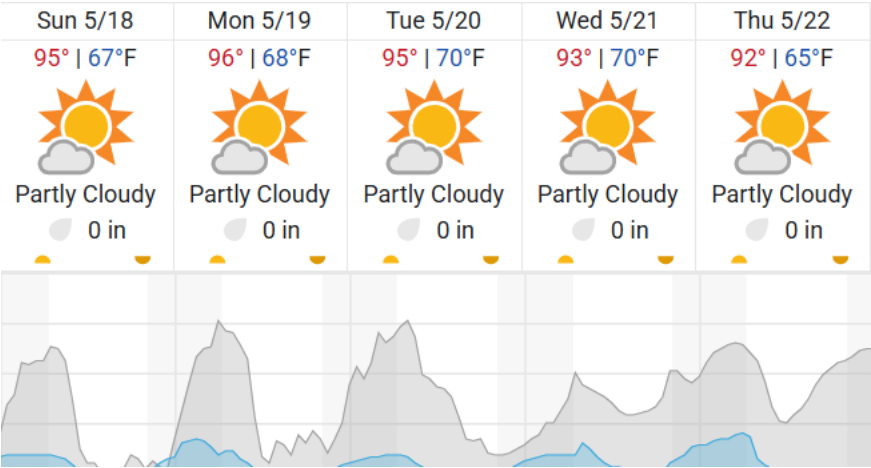
D03|OSBS_P2 (Ordway-Swisher Biological Station Priority 2)

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 18 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)