



## Payload 1 Daily Flight Report



**Date:** 2023-05-08

**Flight Campaign ID:** P1C1

**Airport, FBO ID, City:** Ocala International Airport (KOCF) - Ocala, FL

**Aircraft:** N331AR

**Domain:** 03 (Southeast)

**Sites Flown:** None

**Days left in Domain:** 3

**Report Author:** Mitch

**Lidar Operators:** Mitch

**Flight Hours:** 00:00

**Spectrometer Operators:** Elissa **Hours until maintenance:** 58.47

**Pilots:** Justin, Jeff

### Summary

A promising forecast for an opportunity to green up lines at DSNY had the crew mobilizing to the airport this morning in anticipation of a flight. However before we could tow out, high cirrus was observed moving into view on the tower camera that would have prevented green conditions from being collected. Tow out was delayed and ultimately cancelled once cumulus clouds started forming mid-morning. No flights occurred.

### Concerns

Irregular behavior was observed with the Sherpa the weekend, where it was overheating and not recharging. Unsuccessful attempts to recharge the Sherpa led to the unit dying. A ServiceNow was opened and a replacement Sherpa is being shipped out to the crew.

### Comments

- RAIDS 2023\_P1C1\_03 and 2023\_P1C1\_04 were shipped to the Denver Data Center

### 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: 100% (36/36)

Green: 86% (31/36)

Yellow: 14% (5/36)

Red: 0% (0/36)

#### D03 | JERC\_P1 (Jones Ecological Research Center 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														

Flown: 96% (25/26)

Green: 23% (6/26)

Yellow: 73% (19/26)

Red: 0% (0/26)

D03 | JERC\_P2 (Jones Ecological Research Center Priority 2)

27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
47	48	49	50	51															

Flown: 100% (25/25)  
 Green: 24% (6/25)  
 Yellow: 76% (19/25)  
 Red: 0% (0/25)

D03 | N03B ( )

1	2
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Flown: 100% (2/2)  
 Green: 0% (0/2)  
 Yellow: 100% (2/2)  
 Red: 0% (0/2)

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: 100% (27/27)  
 Green: 96% (26/27)  
 Yellow: 4% (1/27)  
 Red: 0% (0/27)

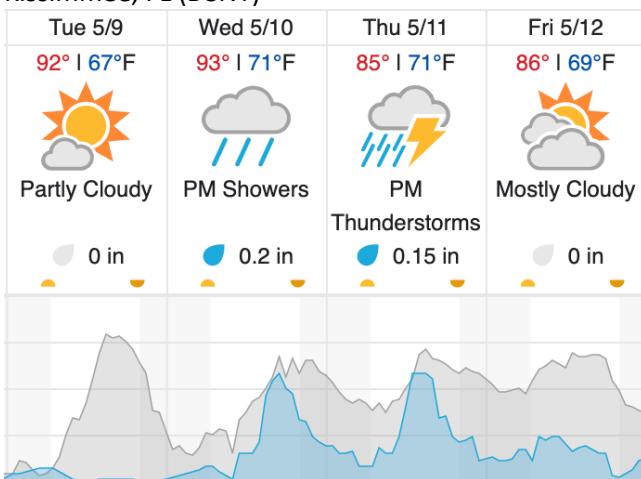
D03 | OSBS\_P2 (Ordway-Swisher Biological Station Priority 2)

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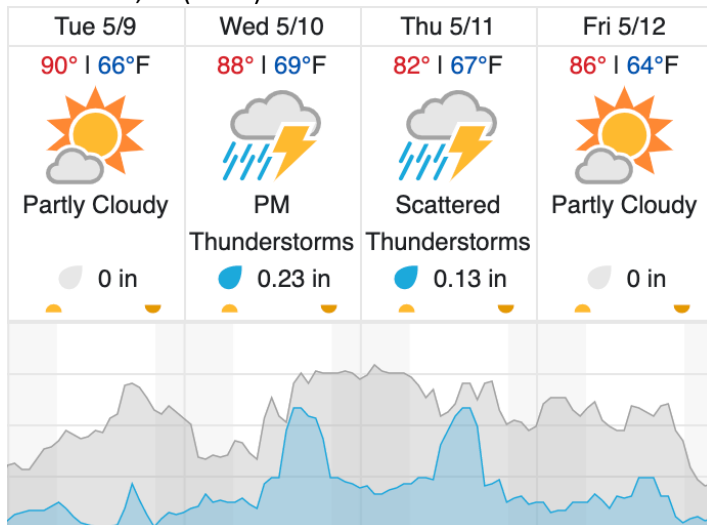
Flown: 100% (16/16)  
 Green: 0% (0/16)  
 Yellow: 100% (16/16)  
 Red: 0% (0/16)

**Weather Forecast**

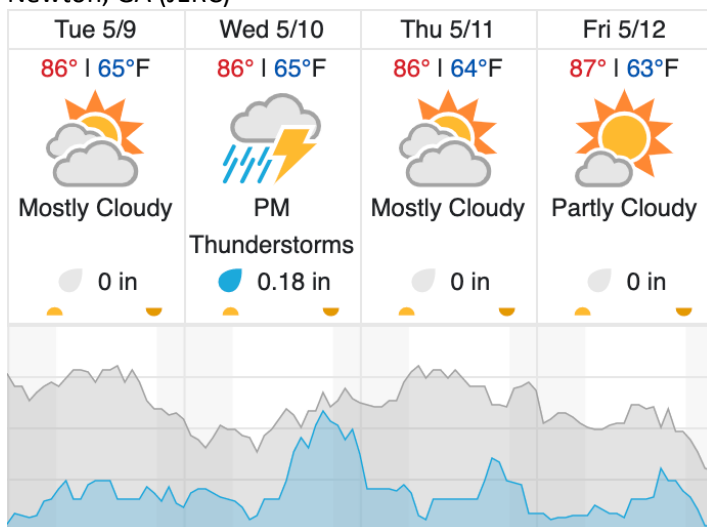
Kissimmee, FL (DSNY)



Gainesville, FL (OSBS)



Newton, GA (JERC)



source: wunderground.com

**Flight Collection Plan for May 09, 2023**

**Flyority 1** (*Lines 2 – 5, Only if green*)

Collection Area: Disney Wilderness Preserve (DSNY)

Flight Plan Name: D03\_DSNY\_R1\_P1\_v3\_PRM.xml

On-Station Time: 1400 UTC/ 1000 L

**Flyority 2** (*Only if green*)

Collection Area: Jones Ecological Research Center (JERC) P1

Flight Plan Name: D03\_JERC\_R2\_P1\_P2\_v4\_PRM.xml

On-Station Time: 1420 UTC/ 1020 L

**Flyority 3** (*Only if green*)

Collection Area: Ordway-Swisher Biological Station (OSBS) P2

Flight Plan Name: D03\_OSBS\_C1\_P1\_P2\_v3\_PRM.xml

On-Station Time: 1410 UTC/ 1010 L

Flyority 4 (*Only if green*)

Collection Area: Jones Ecological Research Center (JERC) P2

Flight Plan Name: D03\_JERC\_R2\_P1\_P2\_v4\_PRM.xml

On-Station Time: 1420 UTC/ 1020 L

**Crew:** Elissa (Lidar), Mitch (NIS)