



## Payload 3 Daily Flight Report

**Date:** 2024-05-06  
**Flight Campaign ID:** P3C1  
**Airport, FBO ID, City:** Ocala International Airport (KOCF) - Ocala, FL  
**Aircraft:** N821AR

**Domain:** 03 (Southeast)  
**Sites Flown:** None  
**Days left in Domain:** 6

**Report Author:** Mitch  
**Lidar Operators:** Mitch                      **Flight Hours:** 00:00  
**Spectrometer Operators:** Cameron   **Hours until maintenance:** 89.23  
**Pilots:** Justin, Manning

### Summary

Clouds continue to torment the P3 crew as a dense fog over JERC kept the Twin Otter grounded all morning. By the time to fog lifted, threat of afternoon thunderstorms and low cumulus clouds prevent an attempt at a non-green collect. Crew will continue the hunt for any opportunities to collect initial coverage over JERC.

### Concerns

None

### Comments

- A Twin Otter mechanic will arrive tomorrow to fix the fuel gauge issue.
- Cryocooler temperatures continue to rise; aft cryocooler alert threshold (t06) has been increased to 45°C and forward cryocooler alert threshold (t14) to 41°C.

### Cumulative Domain Coverage

D03|JERC\_P1 (Jones Ecological Research Center Priority 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: 0% (0/25)  
Green: 0% (0/25)  
Yellow: 0% (0/25)  
Red: 0% (0/25)

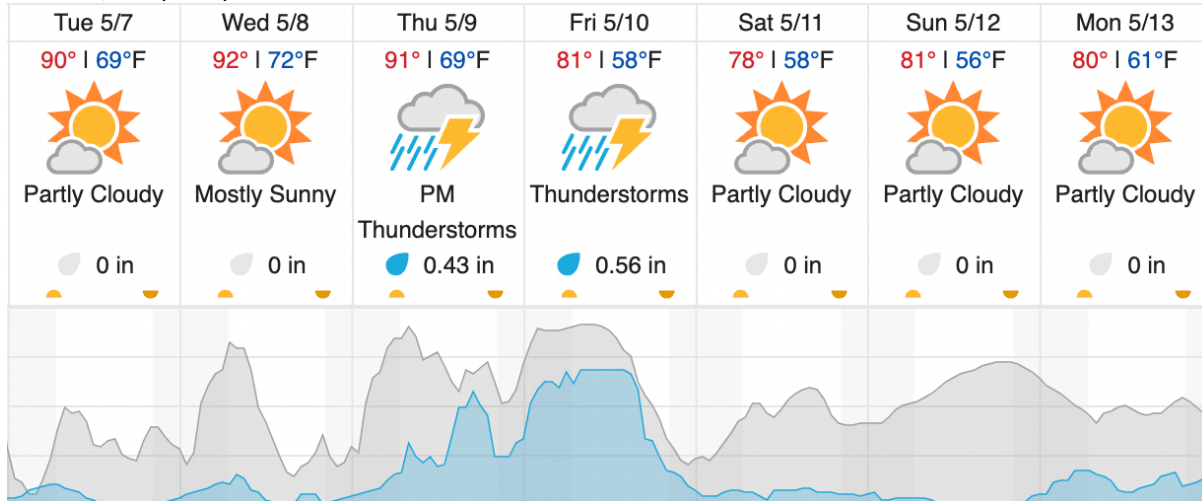
D03|JERC\_P2 (Jones Ecological Research Center Priority 2)

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

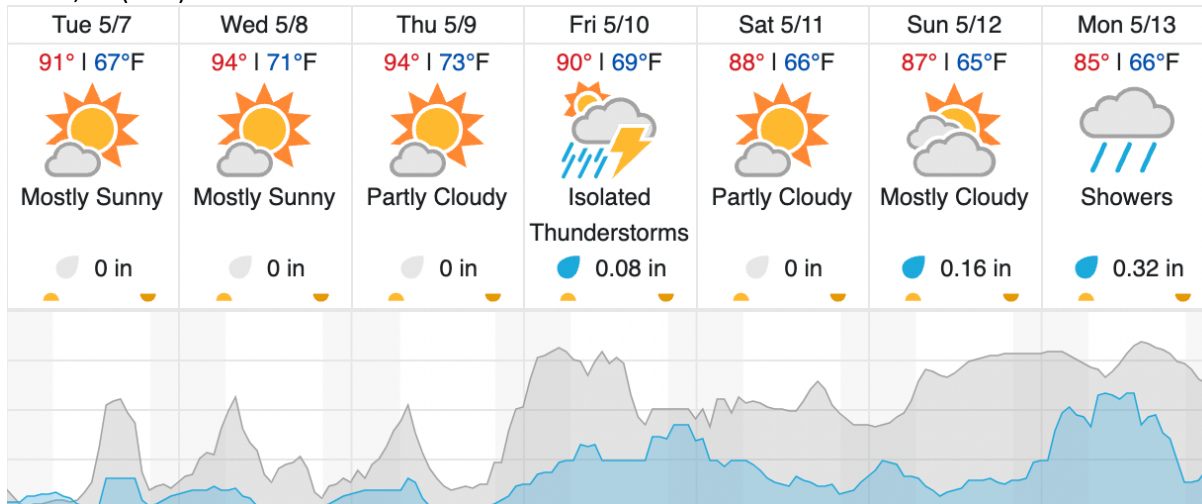
Flown: 0% (0/24)  
Green: 0% (0/24)  
Yellow: 0% (0/24)  
Red: 0% (0/24)

## Weather Forecast

Newton, GA (JERC)



Ocala, FL (FBO)



source: wunderground.com

## Flight Collection Plan for May 7, 2024

### Flyority 1

Collection Area: Jones Ecological Research Center (JERC) P1

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

On-Station Time: 1410 UTC/ 1000 L

### Flyority 2

Collection Area: Jones Ecological Research Center (JERC) P2

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

On-Station Time: 1410 UTC/ 1010 L

Crew: Cameraman (Lidar), Mitch (NIS)