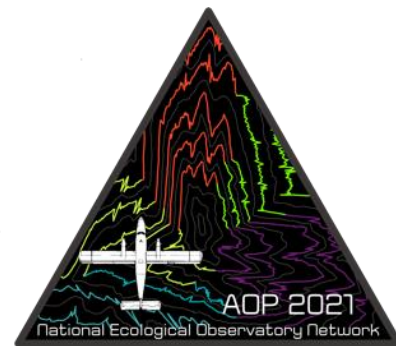




## Payload 1 Daily Flight Report



**Date:** 2021-08-26

**Flight Campaign ID:** P1C2

**Airport, FBO ID, City:** Winchester Regional Airport (KOKV) - Winchester, VA, Sumter Airport - SMS - Sumter, SC (KSMS)  
Ocala International Airport (KOCF) Ocala, FL

**Aircraft:** N331AR

**Domain:** 03 (Southeast)

**Sites Flown:** Transit ()

**Days left in Domain:** 39

**Report Author:** Cameron Chapman

**Lidar Operators:** Cameron Chapman

**Spectrometer Operators:** None

**Pilots:** Justin Eddington, Nick Koukoutsakis

**Ground Crew:** Mitch Haynes

**Flight Hours:** 02:24:00, 02:12:00

**Hours until maintenance:** 46.55

**GPS:** N/A

### Summary

We successfully transited from Winchester, VA (D02) to Ocala, FL (D03). Mitch H greeted us upon arriving and assisted with FBO setup. Data collection will begin as early as tomorrow if weather allows.

### Concerns

- The crew will continue to monitor COVID cases in the region.

### Comments

- HK is set up and ready for data!
- A mobile GPS will be deployed at the FBO prior to the first flight. The crew is also investigating a F-DOT station which is in close proximity to the airfield as a possible back-up.

### Daily Coverage

Estimated Cloud Cover Key

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

**Flight Screenshots:** None

## Pictures



**Top:** An early morning departure from Winchester, VA. Very hazy and smoky for much of the transit!

**Bottom:** Cloudy skies in Florida in route to Ocala where the aircraft will be based.



## 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)

### 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: 0% (0/26)

Green: 0% (0/26)

Yellow: 0% (0/26)

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: 0% (0/25)

Green: 0% (0/25)

Yellow: 0% (0/25)

Red: 0% (0/25)

### D03|N03B ( )

1
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Flown: 0% (0/1)

Green: 0% (0/1)

Yellow: 0% (0/1)

Red: 0% (0/1)

### 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)

### 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)

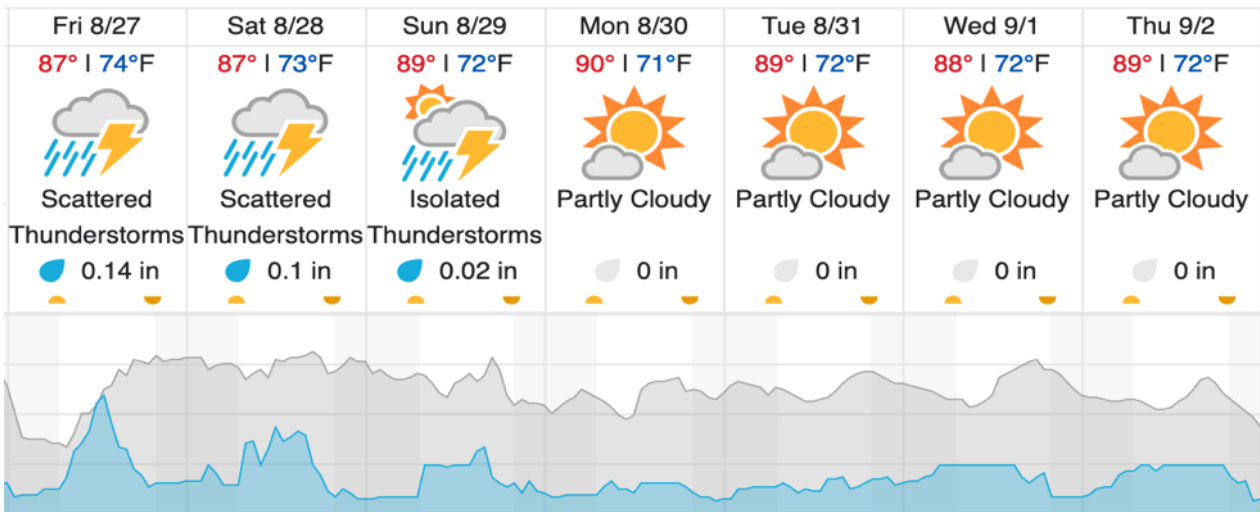
Green: 0% (0/16)

Yellow: 0% (0/16)

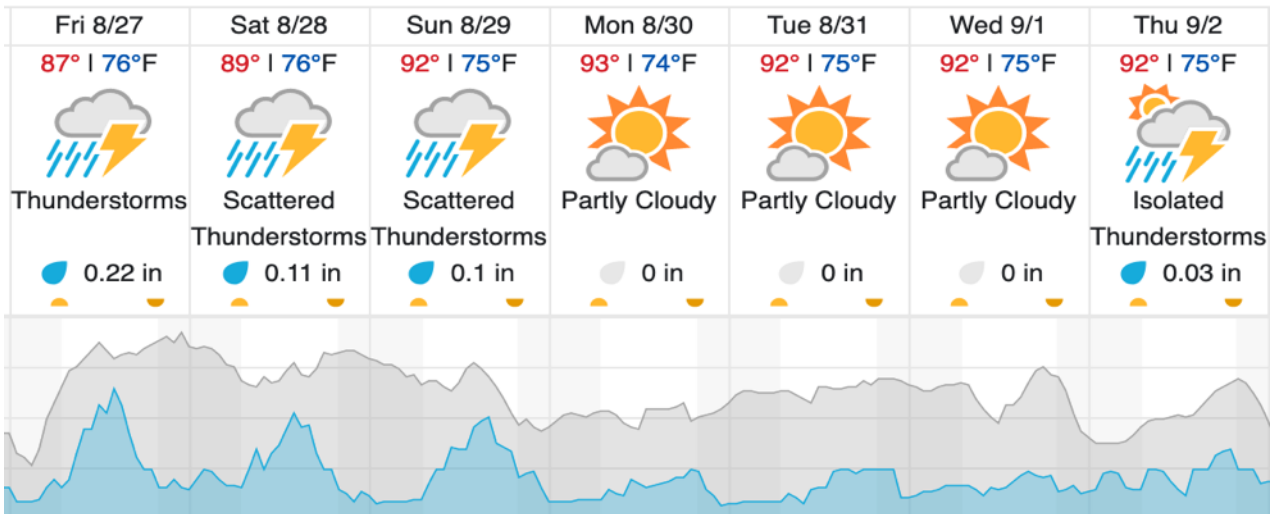
Red: 0% (0/16)

## Weather Forecast

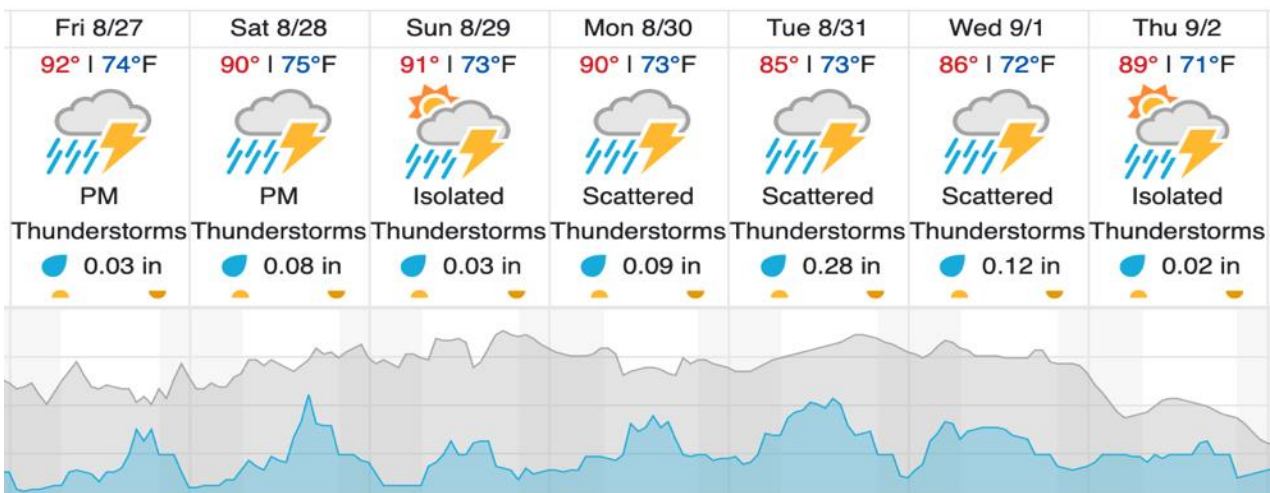
Melrose, FL (OSBS)



Poinciana, FL (DSNY)



Newton, GA (JERC)



source: wunderground.com

	Cloud Cover (%)		Chance of Precip. (%)
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## **Flight Collection Plan for August 27th 2021**

### **Flyority 1**

Collection Area: Ordway-Swisher Biological Station (OSBS) P1

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

On-Station Time: 1420 UTC / 1020 L

### **Flyority 2**

Collection Area: Disney Wilderness Preserve (DSNY)

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

On-Station Time: 1410 UTC/ 1010 L

### **Flyority 3**

Collection Area: Jones Ecological Research Center (JERC) P1

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

On-Station Time: 1430 UTC/ 1030 L

### **Flyority 4**

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

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

On-Station Time: 1430 UTC/ 1030 L

### **Flyority 5**

Collection Area: Jones Ecological Research Center (JERC) P2

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

On-Station Time: 1430 UTC/ 1030 L

Crew: Mitch (Lidar) Cam (NIS)