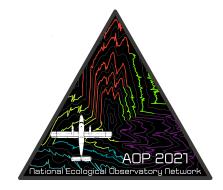


### Payload 1 Daily Flight Report



Date: 2021-09-16

Flight Campaign ID: P1C2

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

Aircraft: N331AR

Domain: 03 (Southeast) Sites Flown: None Days left in Domain: 18

Report Author: Mitch Haynes

**Lidar Operators**: Mitch Haynes Flight Hours: 00:00

**Spectrometer Operators**: Elissa Barris Hours until maintenance: 32.00

**Pilots**: Justin Eddington, Nick Koukoutsakis

### **Summary**

Another day of early cumulus clouds growing into larger convective activity and afternoon precipitation. No flights attempted.

#### Concerns

None

#### **Comments**

Twin Otter had the bad inverter on the aircraft swapped out today, but an unknown electrical issue is keeping the aircraft on one good inverter. This issue is not expected to interfere with any flights while they continue to track down a solution.

#### **Cumulative Domain Coverage**

D03 | DSNY (Disney Wilderness Preserve )

1																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: 96% (25/26) Green: 42% (11/26) Yellow: 35% (9/26) Red: 19% (5/26)

# D03 LIERC P2 (Jones Ecological Research Center Priority 2)

200   12 (30 nes 200 logical research center i north, 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: 96% (24/25) Green: 0% (0/25) Yellow: 0% (0/25) Red: 96% (24/25)

### D03 | N03B (D03 Nominal Runway South)

1 2

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

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: 0% (0/27) Yellow: 7% (2/27) Red: 93% (25/27)

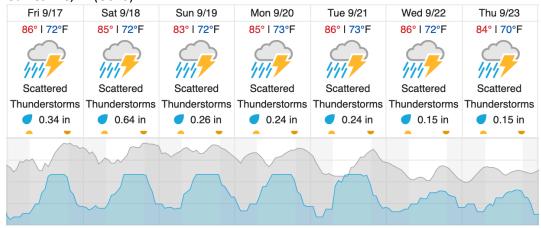
D03 | OSBS P2 (Ordway-Swisher Biological Station Priority 2)

28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
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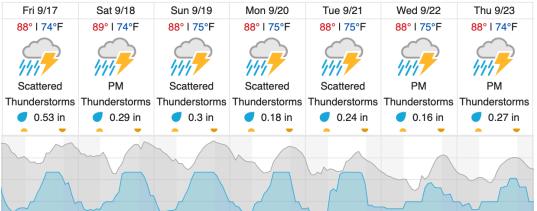
Flown: 69% (11/16) Green: 0% (0/16) Yellow: 0% (0/16) Red: 69% (11/16)

#### **Weather Forecast**

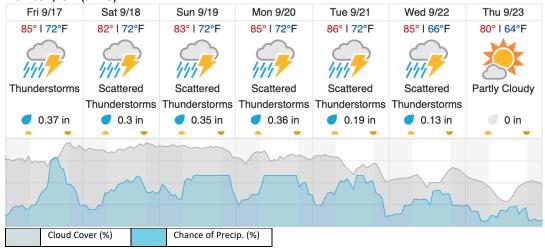
#### Gainesville, FL (OSBS)



### Kissimmee, FL (DSNY)



### Newton, GA (JERC)



source: wunderground.com

### Flight Collection Plan for 17 September 2021

Flyority 1 (Re-fly If Green; Any Conditions: Re-fly Lines 2, 5, and 7) Collection Area: Ordway-Swisher Biological Station (OSBS) P1

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

On-Station Time: 1430 UTC / 1030 L

### Flyority 2

Collection Area: Disney Wilderness Preserve (DSNY) Flight Plan Name: D03\_DSNY\_R1\_P1\_v3\_PRM.xml

On-Station Time: 1420 UTC/ 1020 L

### Flyority 3

Collection Area: Jones Ecological Research Center (JERC) P1 – Only if Green

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

On-Station Time: 1440 UTC/ 1040 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 - Only if Green

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

On-Station Time: 1440 UTC/ 1040 L

Crew: Elissa, Mitch