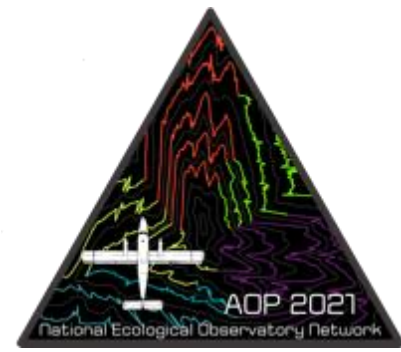




## Payload 1 Daily Flight Report



**Date:** 2021-10-05  
**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:** 0

**Report Author:** Cameron Chapman  
**Lidar Operators:** Cameron Chapman      **Flight Hours:** 00:00  
**Spectrometer Operators:** Elissa Barris      **Hours until maintenance:** 18.72  
**Pilots:** Justin Eddington, Nick Koukoutsakis      **GPS Instruments:** None

### Summary

Cloudy skies across the region would have precluded flights from occurring today. The payload is shutdown awaiting a weather opportunity to begin the transit back to Boulder, CO. This concludes our D03 deployment.

### Concerns

- TOIL mechanics arrived today and are attempting to resolve an aircraft issue which is preventing the aircraft from flying in IFR conditions.

### Comments

- AOP lab is coordinating with Optech to implement the Galaxy firmware update. We are expecting this to occur at 0900 MT 10/11/21 at the AOP hangar.

### Daily Coverage

Estimated Cloud Cover Key

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

**Flight Screenshots:** None

**Pictures:** None

### 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: 0% (0/36)  
 Yellow: 25% (9/36)  
 Red: 75% (27/36)

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: 100% (26/26)  
 Green: 100% (26/26)  
 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: 96% (24/25)  
 Green: 0% (0/25)  
 Yellow: 0% (0/25)  
 Red: 96% (24/25)

D03 | N03B (D03 Nominal Runway South)

1	2
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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: 7% (2/27)  
 Yellow: 4% (1/27)  
 Red: 89% (24/27)

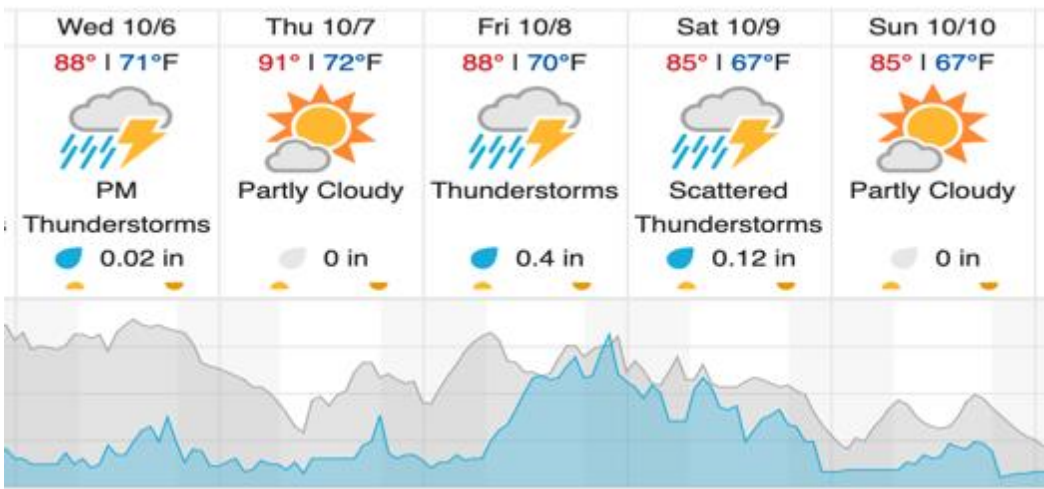
D03 | OSBS\_P2 (Ordway-Swisher Biological Station Priority 2 )

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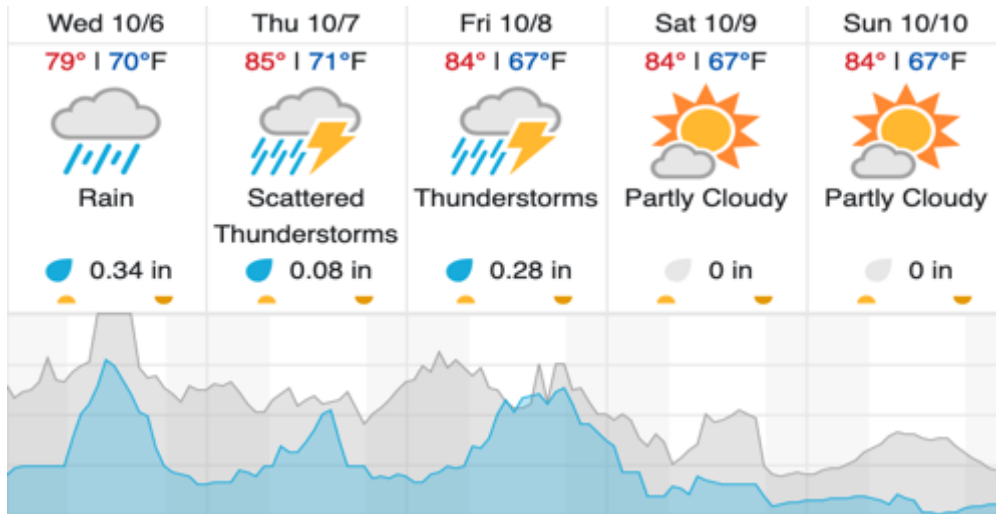
Flown: 100% (16/16)  
 Green: 0% (0/16)  
 Yellow: 0% (0/16)  
 Red: 100% (16/16)

**Weather Forecast**

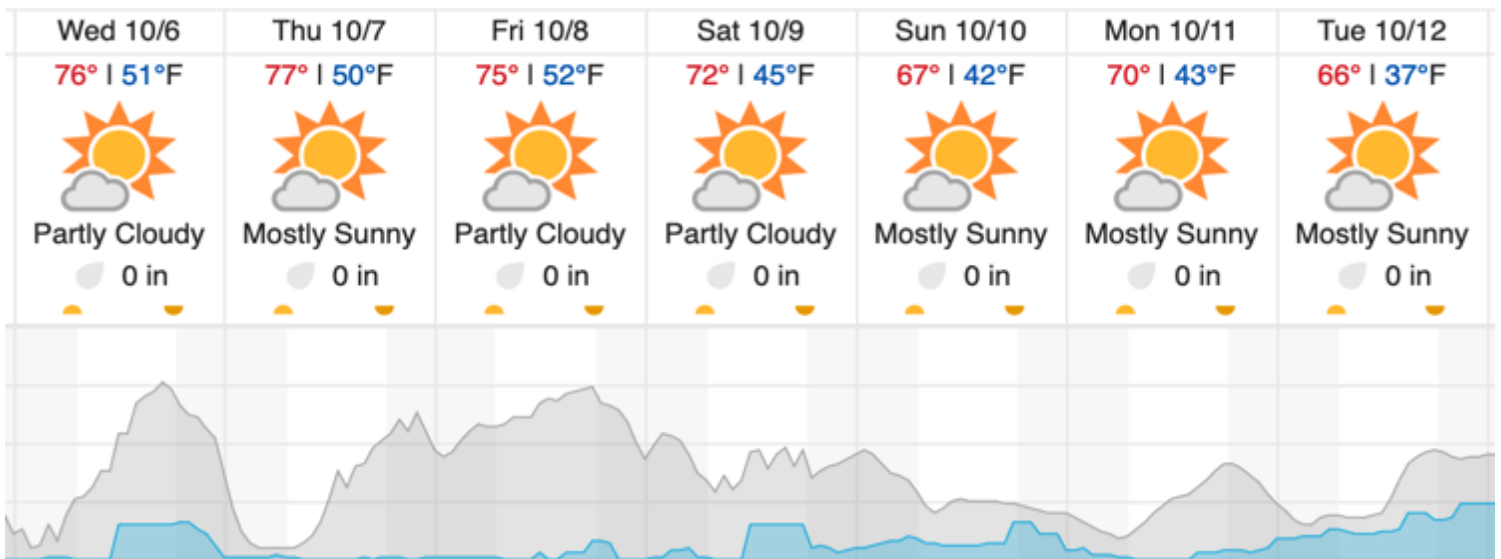
Ocala, FL (KOCF)



Tallahassee, FL (KTLH)



Boulder, CO (KBDU)



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

**Flight Collection Plan for 6 October 2021**

Begin transit to Boulder, weather permitting.

Crew: Elissa, Cam