

Payload 1 Daily Flight Report



Date: 2023-04-16

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: 23

Report Author: Cameron

Spectrometer Operators: Mitch Hours until maintenance: 84.85

Pilots: Paul, Justin

Summary

We began cooling the payload today. The system should be within specifications by tomorrow afternoon.

Concerns

- None

Comments

- None

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)

	2															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)

	1				6						·, -,								
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 | N03A (D03 Nominal Runway)

1

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)

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1	L	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	1	22	23	24	25	26	27													

Flown: 0% (0/27) Green: 0% (0/27) Yellow: 0% (0/27) Red: 0% (0/27)

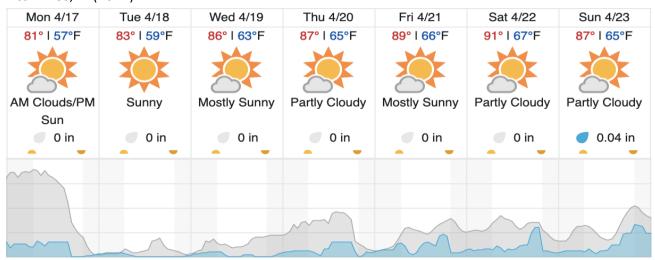
D03 | OSBS_P2 (Ordway-Swisher Biological Station Priority 2)

28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

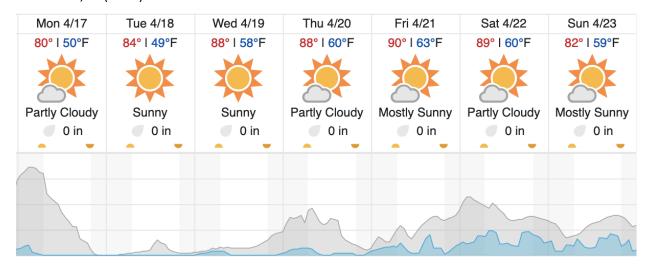
Flown: 0% (0/16) Green: 0% (0/16) Yellow: 0% (0/16) Red: 0% (0/16)

Weather Forecast

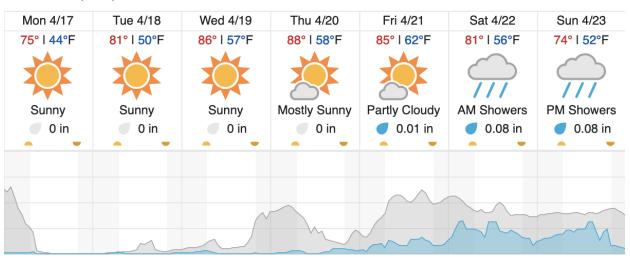
Kissimmee, FL (DSNY)



Gainesville, FL (OSBS)



Newton, GA (JERC)



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

Flight Collection Plan for April 17, 2023

Continue pumping and cooling of system.

Crew: Mitch (Lidar), Cam (NIS)

Flight Collection Plan for April 18, 2023

Flyority 1

Collection Area: Disney Wilderness Preserve (DSNY) Flight Plan Name: D03_DSNY_R1_P1_v3_PRM.xml

On-Station Time: 1410 UTC/ 1010 L

Flyority 2

Collection Area: Ordway-Swisher Biological Station (OSBS) P1 Flight Plan Name: D03 OSBS C1 P1 P2 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: 1420 UTC/ 1020 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: 1410 UTC/ 1010 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: 1420 UTC/ 1020 L