



Payload 1 Daily Flight Report



Date: 2023-05-05

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: 6

Report Author: Elissa

Lidar Operators: Elissa

Flight Hours: 00:00

Spectrometer Operators: Mitch

Hours until maintenance: 58.47

Pilots: Justin, Jeff

Summary

Cloudy conditions at all of our sites persisted throughout the day and did not allow for any greening up. We took advantage of the down day to start catching up on data extractions, and to host a tour of the plane for Ordway Swisher Biological Station and NEON Domain 3 staff.

Concerns

None.

Comments

We noticed a high temperature warning on the Sherpa after a couple of hours with the plane doors open for the tour. The battery stopped charging during this interval, but should be ok now that everything is again sealed up and air conditioned for the night.

Pictures



Elissa showing the group the sensors beneath the plane



Domain 3 NEON staff



Ordway Swisher Biological Station staff

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

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: 86% (31/36)

Yellow: 14% (5/36)

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: 23% (6/26)

Yellow: 73% (19/26)

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: 100% (25/25)

Green: 24% (6/25)

Yellow: 76% (19/25)

Red: 0% (0/25)

D03 | N03B ()

1	2
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Flown: 100% (2/2)

Green: 0% (0/2)

Yellow: 100% (2/2)

Red: 0% (0/2)

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: 96% (26/27)

Yellow: 4% (1/27)

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: 100% (16/16)

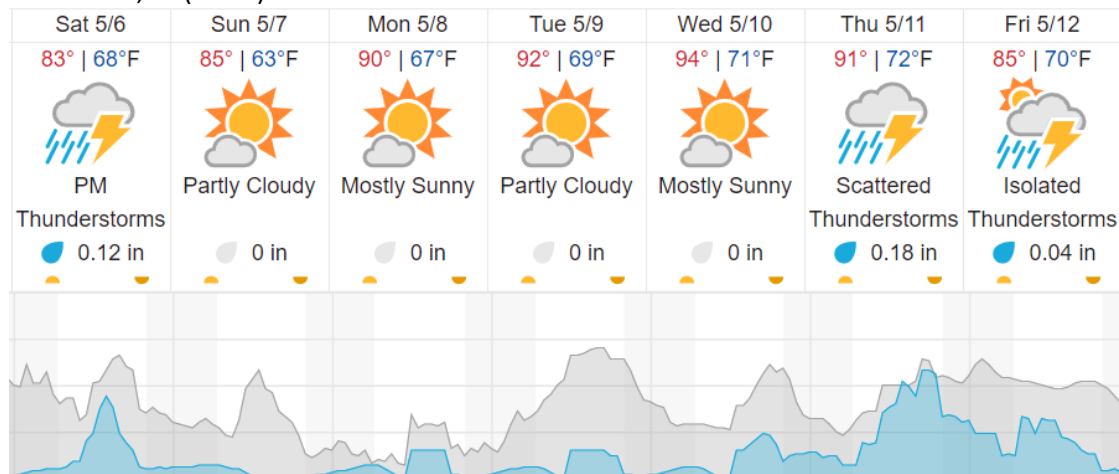
Green: 0% (0/16)

Yellow: 100% (16/16)

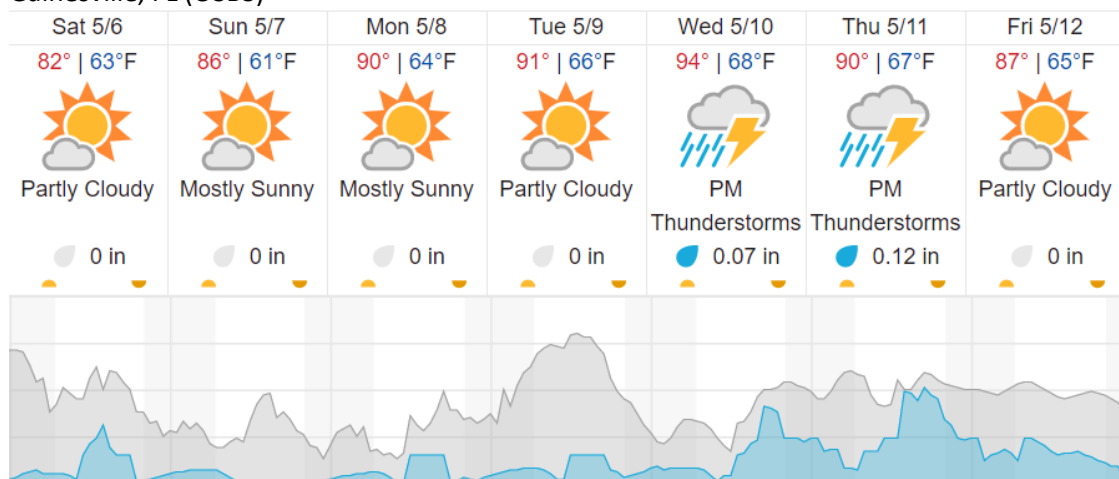
Red: 0% (0/16)

Weather Forecast

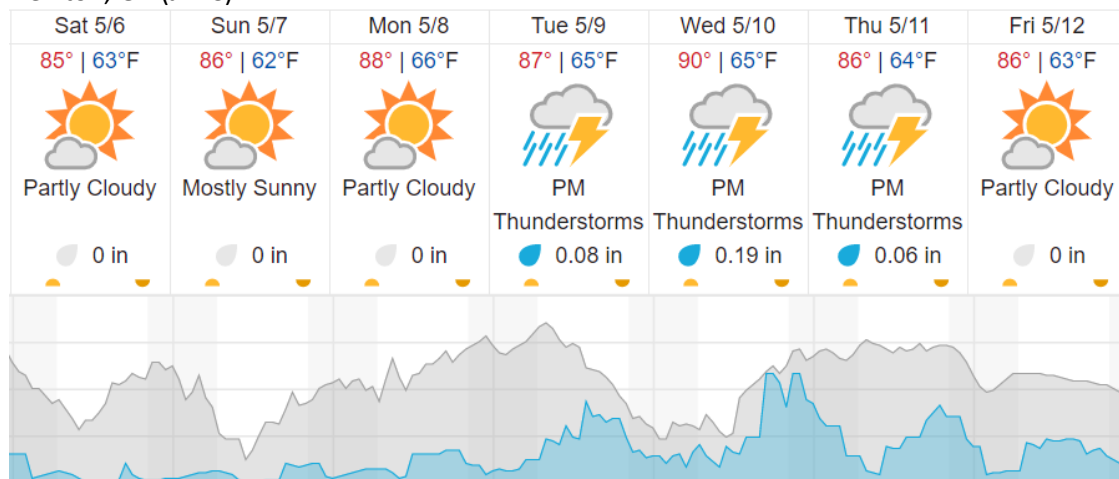
Kissimmee, FL (DSNY)



Gainesville, FL (OSBS)



Newton, GA (JERC)



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

Flight Collection Plan for May 06, 2023

Flyority 1 (*Lines 2 – 5, Only if green*)

Collection Area: Disney Wilderness Preserve (DSNY)

Flight Plan Name: D03_DSNY_R1_P1_v3_PRM.xml

On-Station Time: 1400 UTC/ 1000 L

Flyority 2 (*Only if green*)

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 3 (*Only if green*)

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 4 (*Only if green*)

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

Crew: Mitch (Lidar), Elissa (NIS)