



Payload 1 Daily Flight Report



Date: 2023-05-10

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: 1

Report Author: Mitch

Lidar Operators: Mitch

Flight Hours: 00:00

Spectrometer Operators: Elissa Hours until maintenance: 58.47

Pilots: Jeff, Justin

Summary

Frustrating morning as we had the potential to green up some lines at DSNY with a clear sky opportunity, but low clouds and fog over Ocala prevented us from being able to take off. Once the clouds lifted over Ocala, the opportunity had passed and cumulus clouds were already populating the skies over Kissimmee.

Concerns

None

Comments

- After several days of being powered off and unable to charge, the Sherpa came back online today and was able to fully recharge. Full telemetry was regained after power cycling the system. Crew will keep the current Sherpa in place and hold onto the backup once in arrives in case it stops recharging again.
- Cam arrived in D03 today.

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: 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
---	---

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)

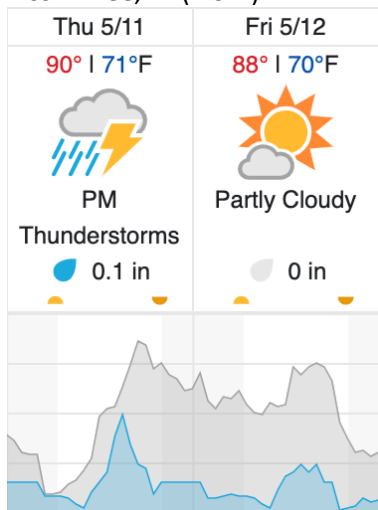
D03 | OSBS_P2 (Ordway-Swisher Biological Station Priority 2)

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

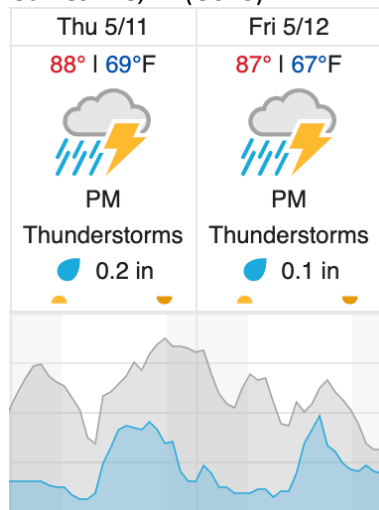
Flown: 100% (16/16)
 Green: 0% (0/16)
 Yellow: 100% (16/16)
 Red: 0% (0/16)

Weather Forecast

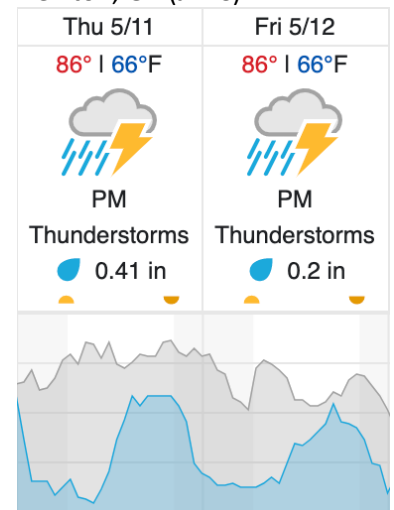
Kissimmee, FL (KISM)



Gainesville, FL (OSBS)



Newton, GA (JERC)



source: wunderground.com

Flight Collection Plan for May 11, 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: Elissa (Lidar), Cam (NIS)