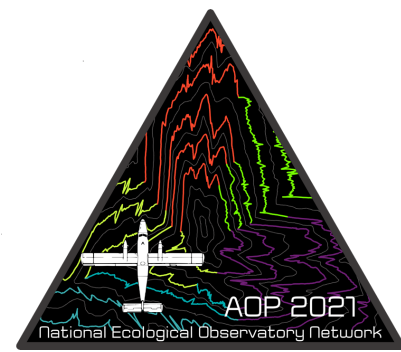




Payload 1 Daily Flight Report



Date: 2021-08-27

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: 38

Report Author: Mitch Haynes

Lidar Operators: Mitch Haynes

Spectrometer Operators: Cameron Chapman

Pilots: Nick Koukoutsakis, Justin Eddington

Flight Hours: 00:00

Hours until maintenance: 46.55

GPS Instruments: NA

Summary

Crew looked for opportunity to get an early initial collect, but clouds remained at and below our flight altitudes all morning, and eventually transitioned to afternoon rain showers and thunderstorms. No collects were attempted.

Concerns

- Payload briefly lost power this afternoon when another hangar tenant unplugged our GPU. FBO staff quickly restored power for us before the UPS was drained and informed all other tenants not to touch our GPU or plug. Signs were also put in place.
- Still working up the Airport Ops chain to get approval for placing our GPS on the field. Approval believed to be imminent, just needing to talk to the right person. Backup remains Ocala FDOT station ~10km away.

Comments

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: 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)

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 | N03B ()

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)

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

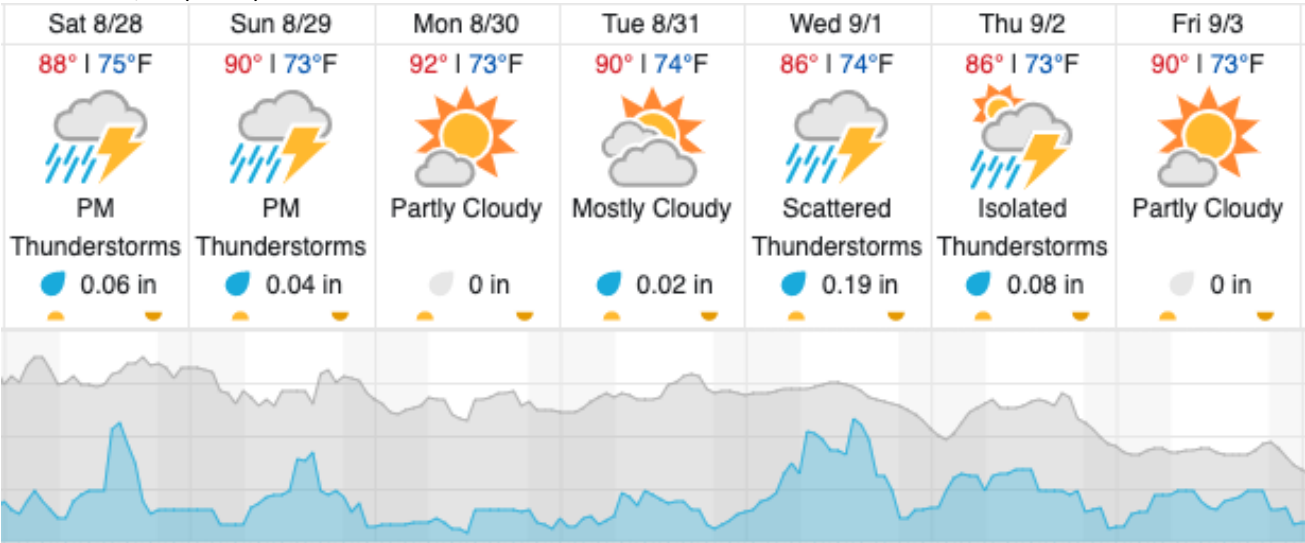
D03 | OSBS_P2 (Ordway-Swisher Biological Station Priority 2)

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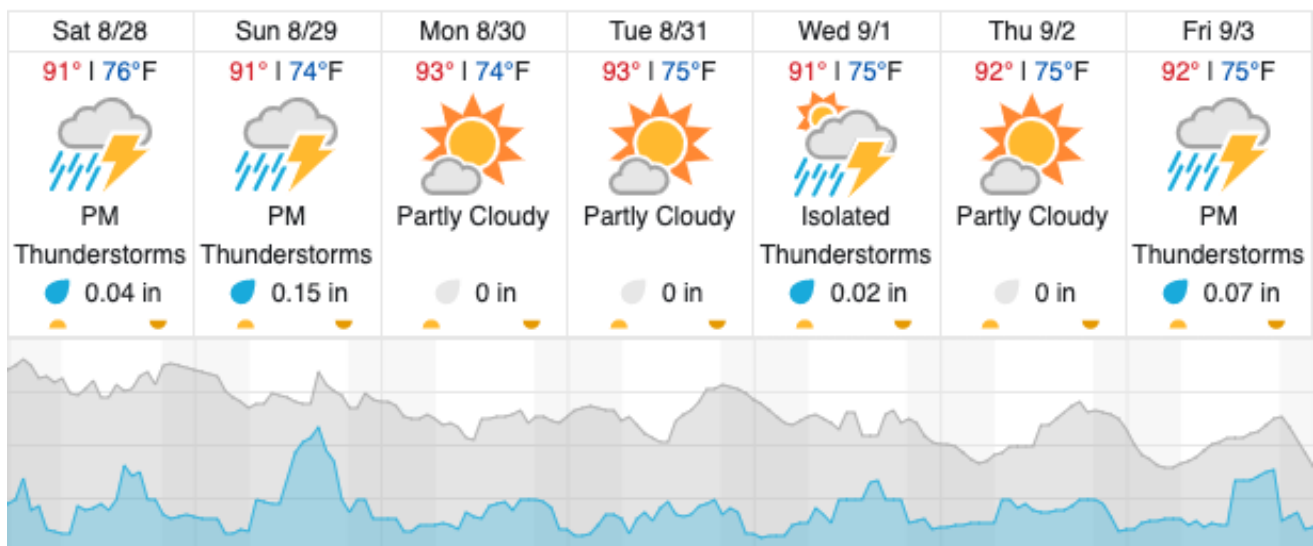
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Green: 0% (0/16)
Yellow: 0% (0/16)
Red: 0% (0/16)

Weather Forecast

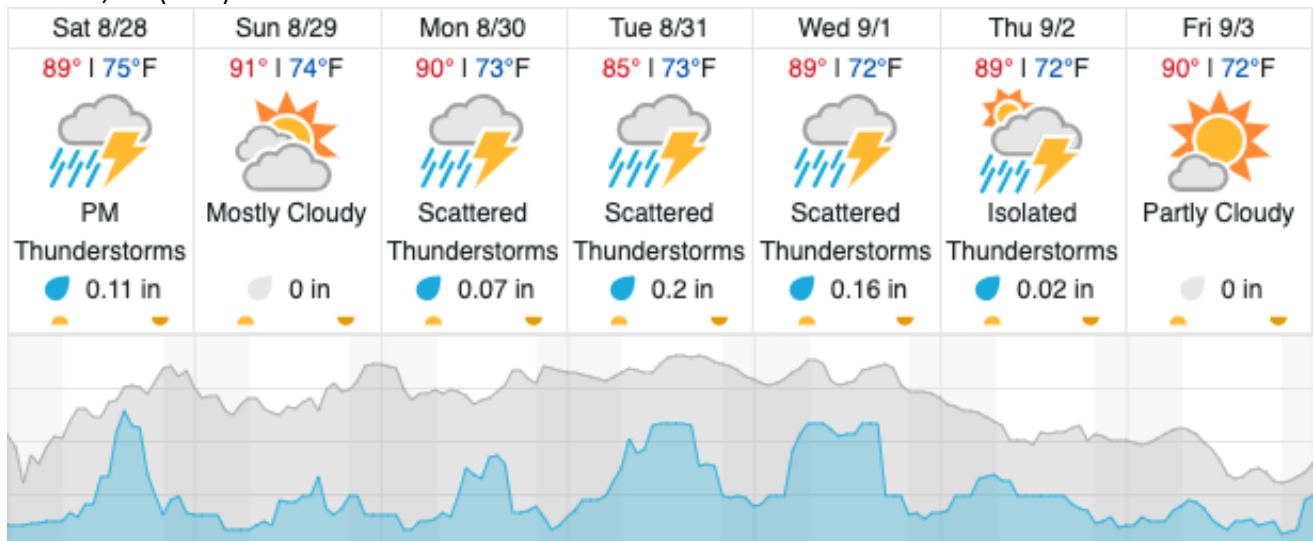
Hawthorne, FL (OSBS)



Poinciana, FL (DSNY)



Newton, GA (JERC)



source: wunderground.com

Flight Collection Plan for August 2021

Flyority 1

Collection Area: Ordway-Swisher Biological Station (OSBS) P1

Flight Plan Name: D03_OSBS_C1_P1_P2_v3_PRM.xml

On-Station Time: 1420 UTC / 1020 L

Flyority 2

Collection Area: Disney Wilderness Preserve (DSNY)

Flight Plan Name: D03_DSNY_R1_P1_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: 1430 UTC / 1030 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

Flight Plan Name: D03_JERC_R2_P1_P2_v4_PRM.xml

On-Station Time: 1430 UTC/ 1030 L

Crew: Cam (Lidar) Mitch (NIS)