



Payload 2 Daily Flight Report

Date: 2026-04-28
Flight Campaign ID: P2C1
Airport, FBO ID, City: Gainesville Regional Airport (KGNV) - Gainesville, FL; -
Aircraft: N821AR

Domain: 03 (Southeast)
Sites Flown: None
Days left in Domain: 3

Report Author: Cameron
Lidar Operators: Cameron **Flight Hours:** 00:00
Spectrometer Operators: Alyssa **Hours until maintenance:** 63.03
Pilots: Jonathon, Justin

Summary
 Scattered clouds across all sites precluded data collection today.

Concerns
 -None

Comments
 - The spare dock for the lidar navigation computer arrived today.

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

Cumulative Domain Coverage

D03 | DSNY (Disney Wilderness Preserve)

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% (35/35)
 Green: 0% (0/35)
 Yellow: 77% (27/35)
 Red: 23% (8/35)
 * Flown within 35deg solar angle

D03 | JERC_P1 (Jones Ecological Research Center Priority 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: 36% (9/25)
 Green: 32% (8/25)
 Yellow: 4% (1/25)
 Red: 0% (0/25)
 * Flown within 35deg solar angle

D03|JERC_P2 (Jones Ecological Research Center Priority 2)

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% (24/24)
 Green: 0% (0/24)
 Yellow: 100% (24/24)
 Red: 0% (0/24)
 * Flown within 35deg solar angle

D03|OSBS_P1 (Ordway-Swisher Biological Station Priority 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% (26/26)
 Green: 100% (26/26)
 Yellow: 0% (0/26)
 Red: 0% (0/26)
 * Flown within 35deg solar angle

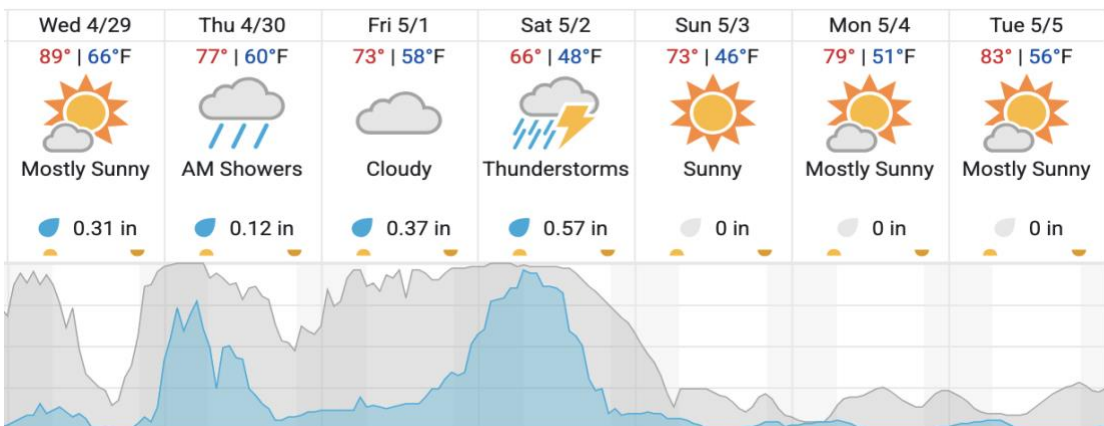
D03|OSBS_P2 (Ordway-Swisher Biological Station Priority 2)

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
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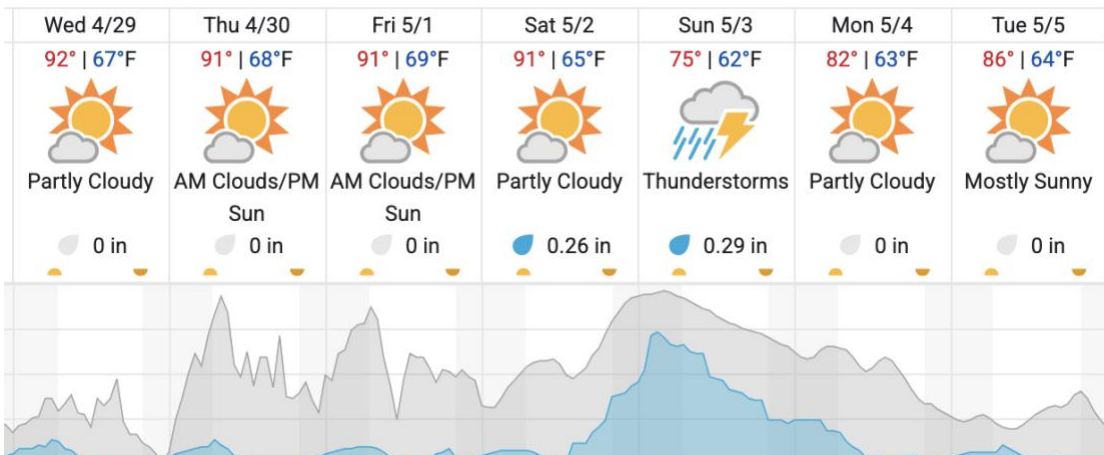
Flown: 100% (15/15)
 Green: 67% (10/15)
 Yellow: 0% (0/15)
 Red: 33% (5/15)
 * Flown within 35deg solar angle

Weather Forecast

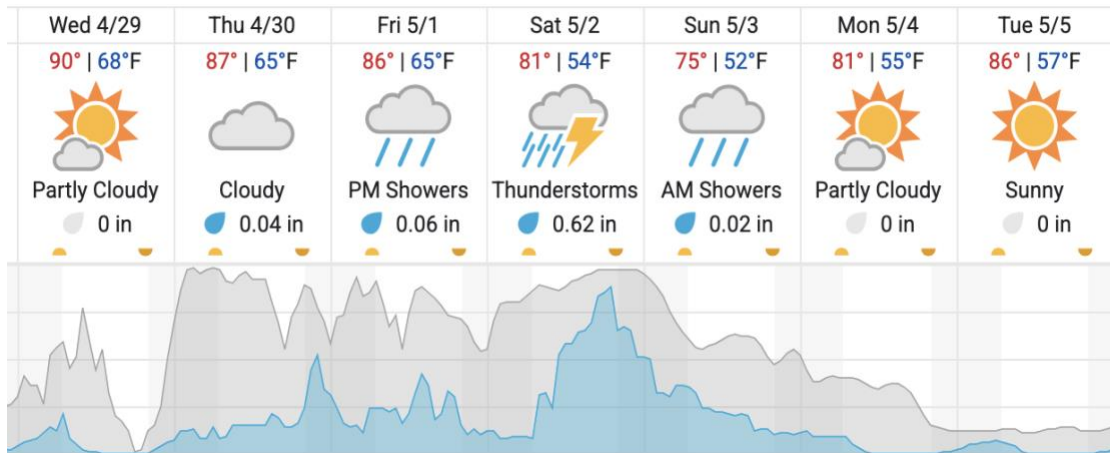
Newton, GA (JERC)



Kissimmee, FL (DSNY)



Gainesville, FL (OSBS)



source: wunderground.com

Flight Collection Plan for April 29, 2026

Flyority 1

Site: Jones Ecological Research Center (JERC) *Lines 2-6, 15-20, 22-26*

Flight Plan Name: D03_JERC_R2_P1_P2_v6_VQ78

Solar Angle Time: 14:30UTC/10:30L to 20:50UTC/16:50L

Flyority 2

Site: Disney Wilderness Preserve (DSNY) *Only if Green*

Flight plan name: D03_DSNY_R1_P1_v5_VQ780

Solar Angle Time: 14:10UTC/10:10L to 20:40UTC/16:40L

Flyority 3

Site: Jones Ecological Research Center (JERC) P2 *Only if Green*

Flight Plan Name: D03_JERC_R2_P1_P2_v6_VQ78

Solar Angle Time: 14:30UTC/10:30L to 20:50UTC/16:50L

Flyority 4

Site: Ordway-Swisher Biological Station (OSBS) P2 *Lines 29-33, Only if Green*

Flight Plan Name: D03_OSBS_C1_P1_P2_v5_VQ780

Solar Angle Time: 14:10UTC/10:10L to 20:40UTC/16:40L

Crew: Alyssa (Lidar), Cam (NIS)