



Payload 1 Daily Flight Report



Date: 2023-04-13

Flight Campaign ID: P1C1

Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO, Wellington Municipal Airport (KEGT) - Wellington Kansas, KS

Aircraft: N331AR

Domain: 00 (Training & Calibration)

Sites Flown: Transit ()

Days left in Domain: Transit

Report Author: Cameron

Lidar Operators: Cameron **Flight Hours:** 02:51:00, 01:29:00

Spectrometer Operators: **Hours until maintenance:** 90.33

Pilots: Justin, Paul

Ground Crew: Mitch

Summary

The flight crew departed a day early inbound for D03 to avoid several storms expecting to impact Colorado and the southeast region. We arrived in Fort Smith Arkansas tonight and will continue the transit tomorrow morning.

Concerns

- None

Comments

- None

Daily Coverage

Estimated Cloud Cover Key

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

Flight Screenshots

- None

Pictures: Fuel stop at KEGT in Wellington Kansas



Cumulative Domain Coverage

D00|B10F (Complete Greeley Boresight Geocalibration - 1500m, 1000m, 550m - Galaxy)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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Flown: 100% (20/20)
 Green: 0% (0/20)
 Yellow: 75% (15/20)
 Red: 25% (5/20)

D00|H10D (NEON Headquarters Lidar Validation - Galaxy)

1	2	3	4
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Flown: 100% (4/4)
 Green: 0% (0/4)
 Yellow: 0% (0/4)
 Red: 100% (4/4)

D00|N10F (Nominal Runway at KBDU - Galaxy)

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	37			

Flown: 100% (37/37)
 Green: 14% (5/37)
 Yellow: 86% (32/37)
 Red: 0% (0/37)

D00|O10C (NIS Offset - Galaxy)

1	2
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Flown: 100% (2/2)
 Green: 100% (2/2)
 Yellow: 0% (0/2)
 Red: 0% (0/2)

D00|R10E (Table Mountain Radiometric Calibration - Galaxy)

1	2	3	4	5
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Flown: 0% (0/5)
 Green: 0% (0/5)
 Yellow: 0% (0/5)
 Red: 0% (0/5)

D00|R10F (Boulder Airport Radiometric Calibration - Galaxy)

1	2	3	4	5
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Flown: 100% (5/5)
 Green: 100% (5/5)
 Yellow: 0% (0/5)
 Red: 0% (0/5)

D00|V10F ()

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												

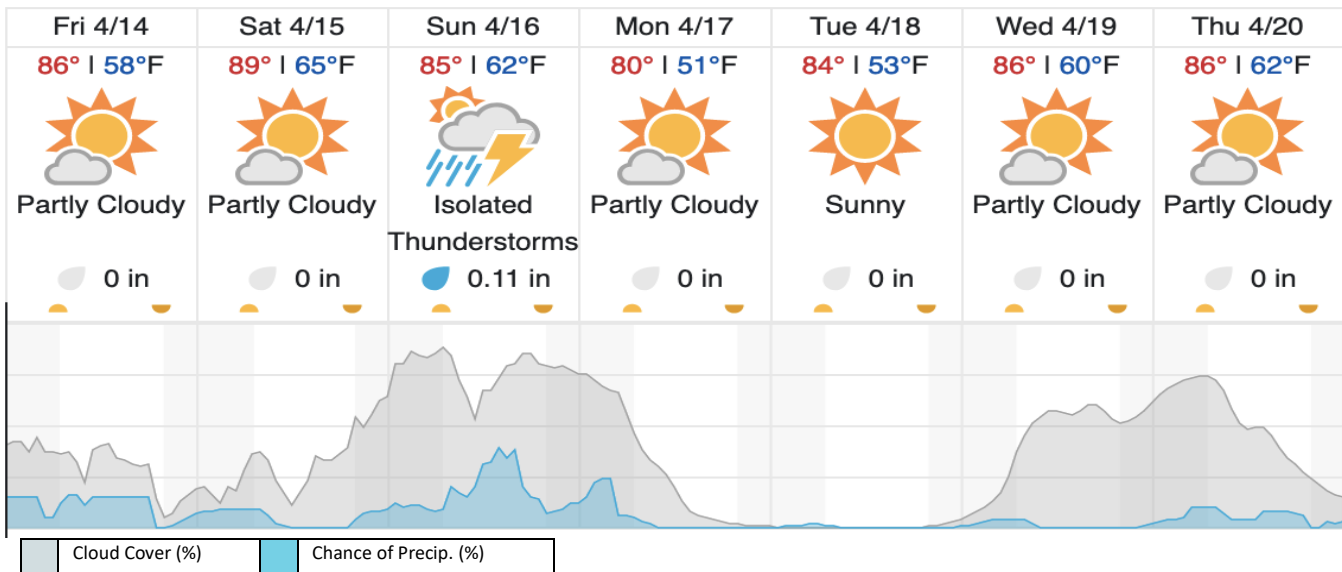
Flown: 28% (8/29)
 Green: 0% (0/29)
 Yellow: 14% (4/29)
 Red: 14% (4/29)

D00|W10D (Wiggle Timing Test - Galaxy)

1	2
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Flown: 100% (2/2)
 Green: 0% (0/2)
 Yellow: 0% (0/2)
 Red: 100% (2/2)

Weather Forecast
Gainesville, FL



source: wunderground.com

Flight Collection Plan for April 14, 2023

Continue Transit to D03

Crew: Cam