



Payload 1 Daily Flight Report



Date: 2023-03-30

Flight Campaign ID: P1C1

Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Aircraft: N331AR

Domain: 00 (Training & Calibration)

Sites Flown: None

Days left in Domain: 0

Report Author: Cameron

Lidar Operators: Cameron **Flight Hours:** 00:00

Spectrometer Operators: Abe **Hours until maintenance:** 117.32

Pilots: Justin, Vince

Ground Crew: Matt

Summary

Morning fog eventually gave way to afternoon clouds and increasing wind speeds. No flights were conducted. The aircraft was fueled and packed in preparation for an early morning departure to D17.

Concerns

None

Comments

Mitch is scheduled to arrive in D17 tonight.

Daily Coverage

Estimated Cloud Cover Key

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

Flight Screenshots

Pictures

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: 0% (0/2)
Green: 0% (0/2)
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|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											

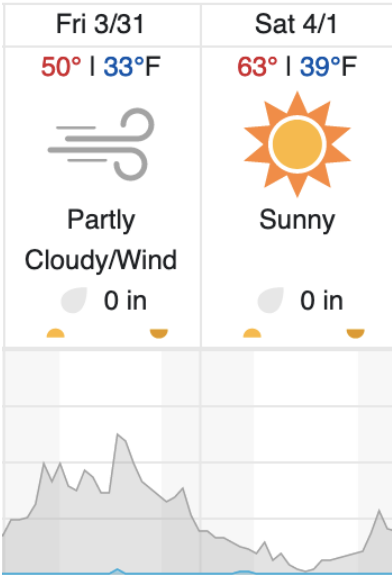
Flown: 14% (4/29)
Green: 0% (0/29)
Yellow: 14% (4/29)
Red: 0% (0/29)

D00|W10D (Wiggle Timing Test - Galaxy)

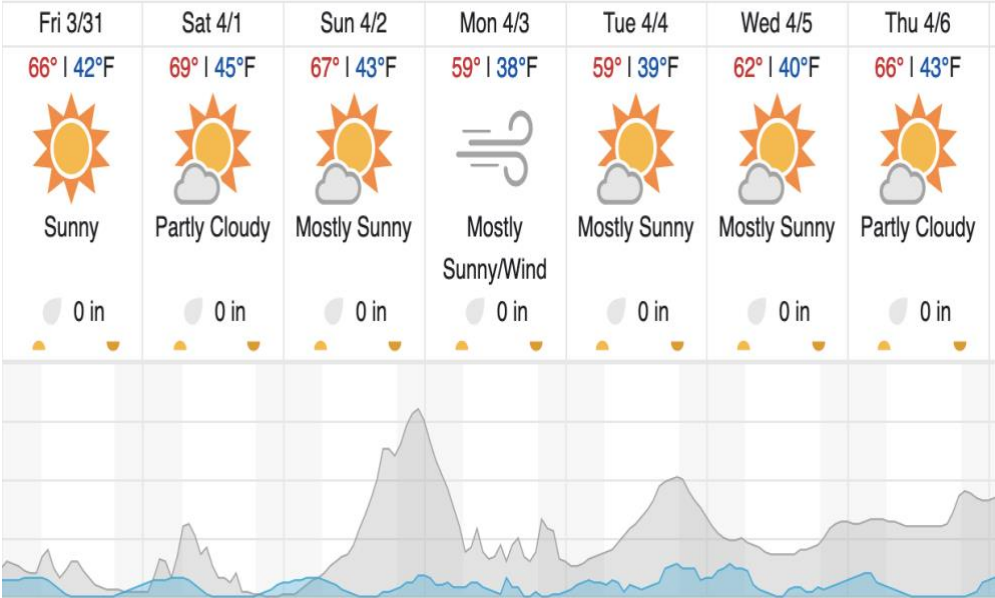
1	2
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Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 100% (2/2)

Weather Forecast
Boulder, CO



Fresno, CA



source: wunderground.com

Flight Collection Plan for 31 March 2023

Abe (Transit) Mitch (Ground KFAT)