



Payload 1 Daily Flight Report



Date: 2023-04-10

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: 3

Report Author: Mike

Lidar Operators: Mike

Spectrometer Operators: Nick

Pilots: Justin, Paul

Ground Crew: Matt, John

Flight Hours: 0.0

Hours until maintenance: 95.00

GPS Instruments: n/a

Summary

The aircraft stayed grounded today after confirmation that the Boresight flight trajectory data is acceptable. The nominal runway is being investigated currently.

Concerns

None.

Comments

Either P1 or P3 will make an appearance at tomorrow's Interagency Coordinating Committee For Airborne Geosciences Research and Applications (ICCAGRA) meeting at NCAR.

Daily Coverage

Estimated Cloud Cover Key

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

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: 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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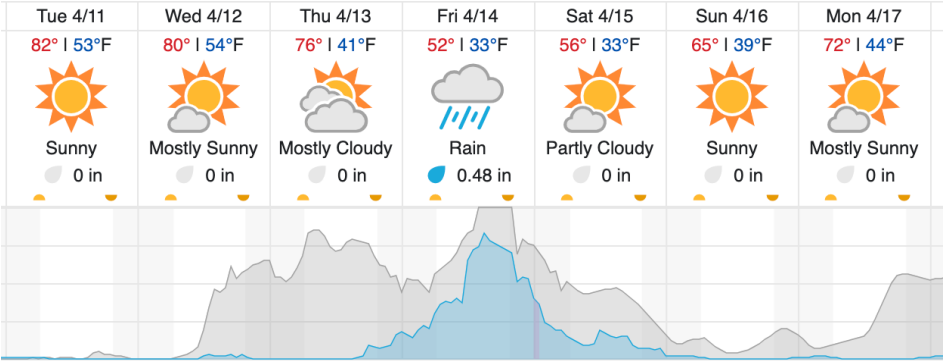
Flown: 100% (2/2)

Green: 0% (0/2)

Yellow: 0% (0/2)

Red: 100% (2/2)

Weather Forecast
Boulder, CO



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for April 11th, 2023

TBD

Mike (lidar), John (NIS), Nick (ground)