



Payload 1 Daily Flight Report



Date: 2024-09-17

Flight Campaign ID: P1C1

Airport, FBO ID, City: Boulder Airport (KBDU) – Boulder, CO

Aircraft: N615AR

Domain: 00 (Training & Calibration)

Sites Flown:

Days left in Domain: 2

Report Author: Nick

Lidar Operators: Nick

Flight Hours: 00:00

Spectrometer Operators: John **Hours until maintenance:** 0.00

Pilots: Justin, Will

Ground Crew: Cameron

Summary

Clouds built before an attempt could be made for the NIS Offset.

Weather may be acceptable on Thursday to repeat the radiometric calibration flight.

Concerns

None.

Comments

Deinstall is scheduled for Thursday 9/19.

Pictures

None.

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: 100% (20/20)

Red: 0% (0/20)

D00|H10D (NEON Headquarters Lidar Validation - Galaxy)

1	2	3	4
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Flown: 100% (4/4)

Green: 0% (0/4)

Yellow: 100% (4/4)

Red: 0% (0/4)

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: 0% (0/37)
Yellow: 100% (37/37)
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: 100% (5/5)
Green: 0% (0/5)
Yellow: 100% (5/5)
Red: 0% (0/5)

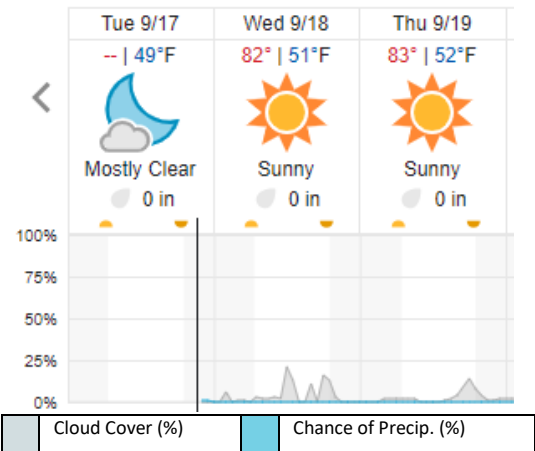
D00|W10D (Wiggle Timing Test - Galaxy)

1	2
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Flown: 50% (1/2)
Green: 0% (0/2)
Yellow: 50% (1/2)
Red: 0% (0/2)

Weather Forecast

Boulder CO



source: wunderground.com

Flight Collection Plan for September 18, 2024

Flyority 1

Collection Area: NIS Offset Flight
Flight Plan Name: D10_O10C_NIS_Offset_v3_PRM
35° On-station Time: 1600 UTC / 1000 L

Flight Crew

John (Lidar), Matt (NIS), Mitch (Ground)

