



Payload 2 Daily Flight Report



Date: 2020-08-19
Flight Campaign ID: P2C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 00 (Training & Calibration)
Sites Flown: None
Days left in Domain: 1

Report Author: John Adler
Lidar Operators: John Adler
Spectrometer Operators: Michael Wussow
Pilots: Chad Evans, Stephen Brawdars
Ground Crew: Robb Walker
Flight Hours: 00:00
Hours until maintenance: 17.12

Summary

The conditions at CPER were not conducive for a BRDF or satellite underpass flight.

Concerns

None.

Comments

None.

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

D00|B10B (Complete Greeley Boresight Geocalibration - 1500m, 1000m, 500m)

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: 100% (20/20)
Yellow: 100% (20/20)
Red: 0% (0/20)

D00|CPER (Satellite Overpass Coincident Collection - Central Plains Ecological Range)

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												

Flown: 0% (0/28)
Green: 0% (0/28)
Yellow: 0% (0/28)
Red: 0% (0/28)

D00|F10A (D10 BRDF Flight - Central Plains Ecological Range)

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: 0% (0/20)
Green: 0% (0/20)
Yellow: 0% (0/20)
Red: 0% (0/20)

D00|H10B (NEON Headquarters Lidar Test - modified cross-track)

1	2	3	4
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Flown: 100% (4/4)
Green: 50% (2/4)
Yellow: 50% (2/4)
Red: 0% (0/4)

D00|N10C (Nominal Runway at KBDU - Optech)

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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Flown: 100% (14/14)
Green: 0% (0/14)
Yellow: 0% (0/14)
Red: 100% (14/14)

D00|O10A (NIS Offset)

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

D00|R10A (Table Mountain Radiometric Calibration)

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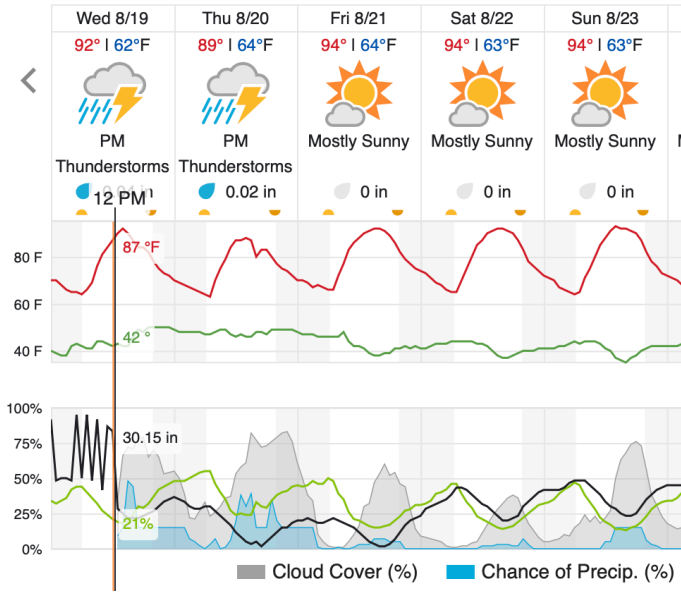
Flown: 100% (5/5)
Green: 100% (5/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

D00|W10B (Wiggle Timing Test)

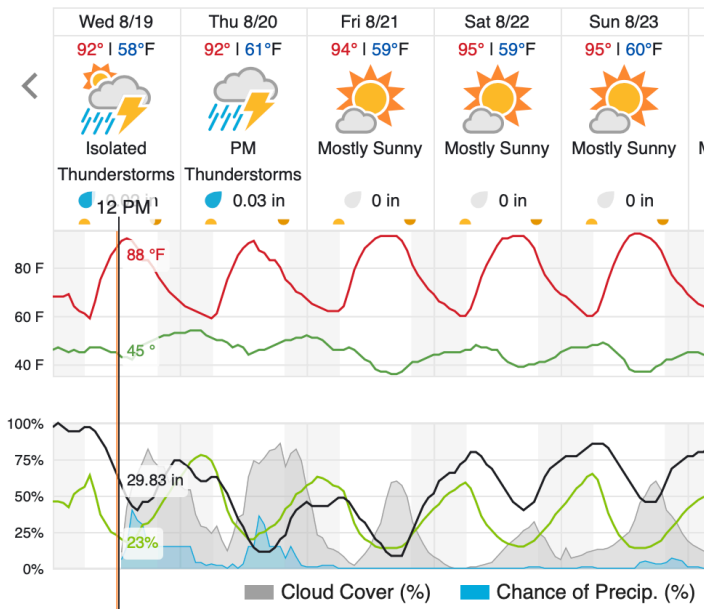
1	2
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Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 100% (2/2)

Weather Forecast
Boulder, CO



Nunn, CO (CPER)



Flight Collection Plan for 20 August 2020

Flyority 1

Collection Area: Satellite Overpass Coincident Collection – Central Plains Ecological Range (only if conditions are “green”)

Flight Plan Name: D10_CPER_C1_P1_v4.pln

On-station Time: 1000 – 1600 Local / 1600 – 2200 UTC

Flyority 2

Collection Area: D10 BRDF Flight – Central Plains Ecological Range (only if conditions are “green”)

Flight Plan Name: D10_F10A_BRDF_v1.pln

On-station Time: 1000 – 1600 Local / 1600 – 2200 UTC

Crew members: Ivana (Lidar), Mike (NIS), Robb (Ground); Bridget, Dave (Tarps)