



Payload 1 Daily Flight Report



Date: 2024-06-04
Flight Campaign ID: P1C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N615AR

Domain: 00 (Training & Calibration)
Sites Flown:
Days left in Domain: 0

Report Author: Matt
Lidar Operators: Matt **Flight Hours:** 00:00
Spectrometer Operators: Nick **Hours until maintenance:** 0.00
Pilots: Jeff, Cody

Summary

Cloudy conditions throughout the front range kept the crew from getting airborne.

Comments

The Lab team investigated the FPIE power supply at JPLs direction and changed out the Cmidgets extension cable.

Cumulative Domain Coverage

D00 | BLKF (Black Forest Waveform Range Test - Galaxy)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21																			

Flown: 100% (21/21)
 Green: 19% (4/21)
 Yellow: 81% (17/21)
 Red: 0% (0/21)

D00 | CPER (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: 39% (11/28)
 Green: 29% (8/28)
 Yellow: 11% (3/28)
 Red: 0% (0/28)

D00|R10E (Table Mountain Radiometric Calibration - Galaxy)

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

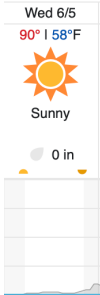
Green: 0% (0/5)

Yellow: 0% (0/5)

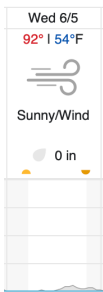
Red: 0% (0/5)

Weather Forecast

Boulder CO



Nunn CO



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

Flight Collection Plan for 05 June 2024

Flyority 1

Collection Area: Table Mountain Radiometric Calibration

Flight Plan Name: D10_R10E_Radiometric_Cal_Table_Mtn_v2_PRM.xml

45° On-station Time: 15:50 UTC / 09:50 L

Additional Considerations: Ground should be dry.

Flyority 2

Collection Area: Central Plains Ecological Range

Flight Plan Name: D10_CPER_C1_P1_v7_PRM.xml

35° On-station Time: 14:50 UTC / 08:50 L

Flight Crew: Nick (Lidar), Matt (NIS)