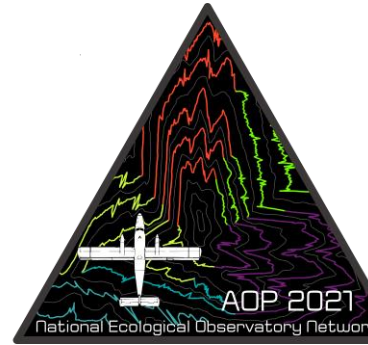




Payload 1 Daily Flight Report



Date: 2021-10-14
Flight Campaign ID: P1C2
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N331AR

Domain: 00 (Training & Calibration)
Sites Flown: None
Days left in Domain: 04

Report Author: Abe Morrison
Lidar Operators: Abe Morrison
Spectrometer Operators: Elissa Barris
Pilots: Stephen Brawders, Justin Eddington
Ground Crew: Mitch Haynes

Flight Hours: 00:00
Hours until maintenance: 121.88
GPS Instruments: N/A

Summary
 Clouds and rain over this region today prevented collection flights.

Concerns
 None.

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

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: 0% (0/21)
 Green: 0% (0/21)
 Yellow: 0% (0/21)
 Red: 0% (0/21)

D00|D10C ()

1	2
---	---

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

D00|H10D (NEON Headquarters Lidar Validation - Galaxy)

1	2	3	4
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Flown: 100% (4/4)
 Green: 100% (4/4)
 Yellow: 0% (0/4)
 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: 59% (22/37)
 Yellow: 41% (15/37)
 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: 100% (5/5)
 Green: 100% (5/5)
 Yellow: 0% (0/5)
 Red: 0% (0/5)

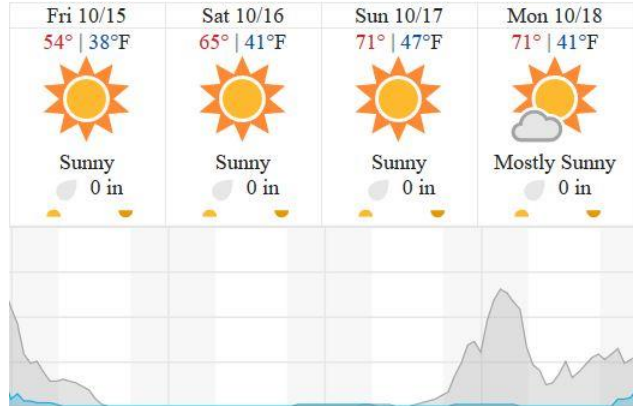
D00|W10D (Wiggle Timing Test - Galaxy)

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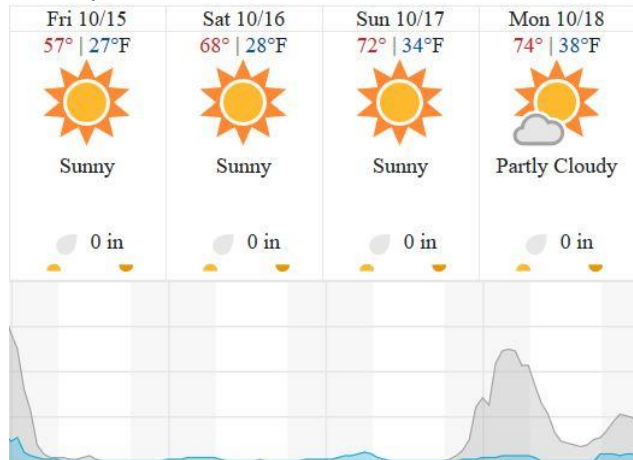
Flown: 100% (2/2)
 Green: 100% (2/2)
 Yellow: 0% (0/2)
 Red: 0% (0/2)

Weather Forecast

Boulder, CO (KBDU)



Greeley, CO



source: wunderground.com

Flight Collection Plan for 15 October 2021

Flyority 1

Collection Area: Boresight Calibration – Greeley, CO

Flight Plan Name: D10_B10F_Boresight_Geocal_v8_PRM

On-station Time: 16:10 UTC / 10:10 L

Flyority 2

Collection Area: Black Forest Waveform Range Test Flight

Flight Plan Name: D10_BLKF_Black_Forest_v4_PRM

On-Station Time: Daylight – No solar angle restrictions.

Crew: Mitch (Lidar), Abe (NIS), Elissa (Ground)