



Payload 3 Daily Flight Report



Date: 2020-06-08
Flight Campaign ID: P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 00 (Training & Calibration)
Sites Flown: None
Days left in Domain: 21

Report Author: Elissa Barris
Lidar Operators: None
Spectrometer Operators: None
Pilots: Justin Eddington, Mike Francis
Ground Crew: None
Flight Hours: 0.0
Hours until maintenance: 115.08
GPS Instruments: None

Summary

Clouds were monitored throughout the morning but showed signs of increasing. In light of upcoming days this week with more favorable forecasts, flights were not attempted today.

Concerns

None.

Comments

None.

Daily Coverage

None.

Flight Screenshots

None.

Pictures

None.

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

D00|B10E (Riegl Boresight Calibration - 1600m, 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: 0% (0/20)
Green: 0% (0/20)
Yellow: 0% (0/20)
Red: 0% (0/20)

D00 | H10C (NEON Headquarters Lidar Test - Riegl)

1 2

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

D00 | N10D (Nominal Runway at KBDU - Riegl)

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

Flown: 92% (24/26)
 Green: 0% (0/26)
 Yellow: 62% (16/26)
 Red: 38% (10/26)

D00 | O10B (NIS Offset - Riegl)

1 2

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

D00 | R10C (Table Mountain Radiometric Calibration - Riegl)

1 2 3 4 5

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

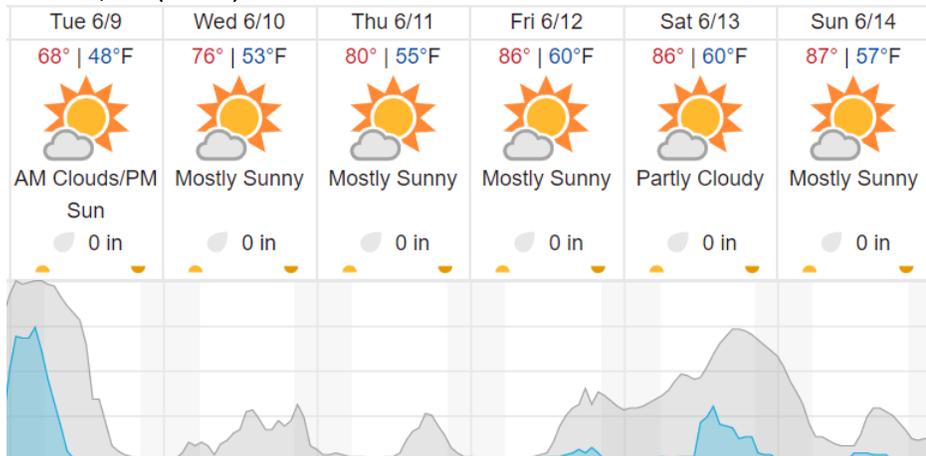
D00 | W10C (Wiggle Timing Test - Riegl)

1 2

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

Weather Forecast

Boulder, CO (KBDU)



Cloud Cover (%)	Chance of Precip. (%)
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Flight collection plans for 09 June 2020:

Flyority 1

Collection Area: Riegl Boresight Calibration – Greeley, CO

Flight Plan Name: D10_B10E_Boresight_1000m_Q780

On-Station Time: 14:50 UTC / 08:50L

Flyority 2

Collection Area: NIS Offset Flight

Flight Plan Name: D10_O10B_NIS_Offset_v2_Q780

On-Station Time: 14:50 UTC / 08:50L

Flight Crew:

Mitch Haynes: Lidar

Cameron Chapman: NIS

Elissa Barris: Ground