



March 15, 2019 Payload 2 Daily Flight Report



Date: 2019-03-15

Flight Campaign ID: 2019_P2C1

Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 00

Sites Flown: R10B (Boulder Airport Radiometric Calibration)

Days left in Domain: 8

Report Author: Bridget Hass

Flight Crew: Cameron Chapman, Mitch Haynes, Bridget Hass

Ground/GPS: Abe Morrison

Pilots: Dylan Malfatti, Mike Francis

Additional Personnel: David Hulslander, Matt Devoe, Alok Shrestha

GPS Instruments: 01 - FBO_KBDU

Flight Hours: 00:41

Hours until maintenance: 114.08

Summary

Completed radiometric calibration flight over KBDU with severe clear conditions

Concerns

None

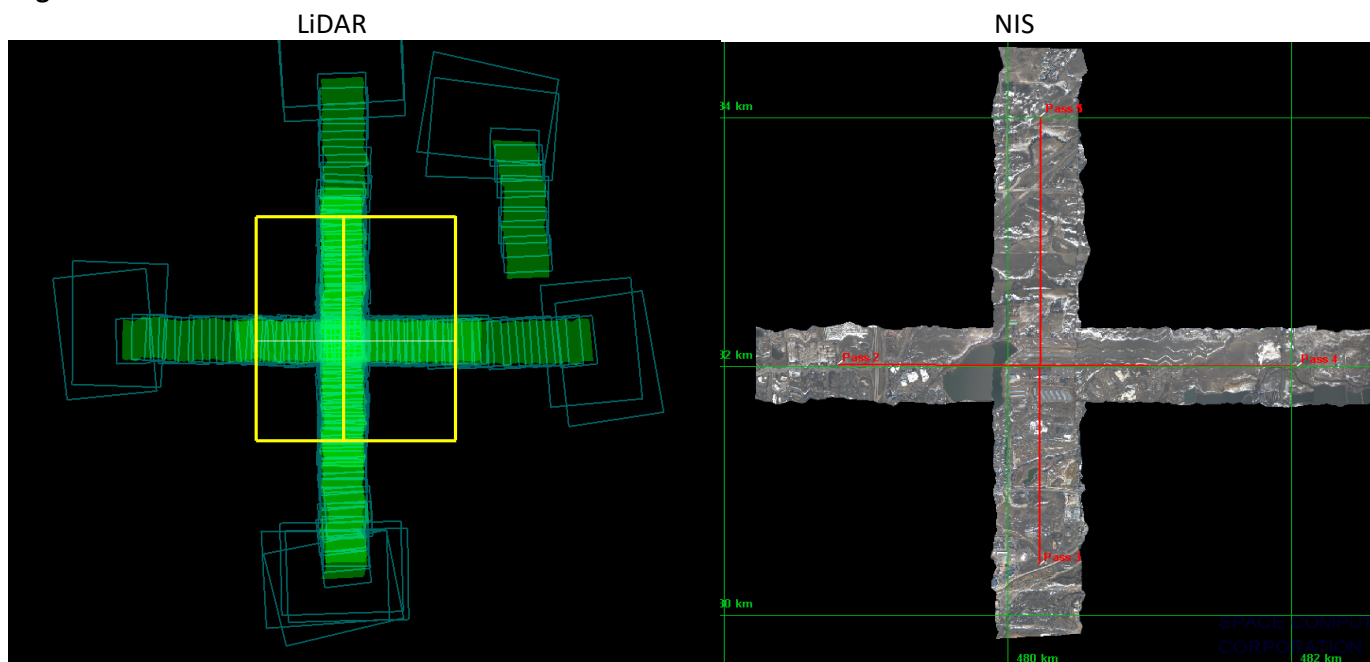
Comments

Dave and Alok set up spectral tarps over tarmac due to snowy/icy ground conditions at Table Mountain. Snowy conditions over Boulder but fairly minimal near the hangar.

Bridget observed Optech Lidar observation flight.

Mitch completed NIS re-certification.

Flight Screenshots



Pictures



Above: Dave H. & Matt protecting the tarps. **Below:** Remnants of the bomb cyclone.



Cumulative Domain Coverage

B10B

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

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

H10B

1	2	3	4
---	---	---	---

Flown: 100% (4/4)
Green: 0% (0/4)
Yellow: 0% (0/4)
Red: 100% (4/4)

O10A

1	2
---	---

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

R10B

1	2	3	4	5
---	---	---	---	---

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

W10B

1	2
---	---

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

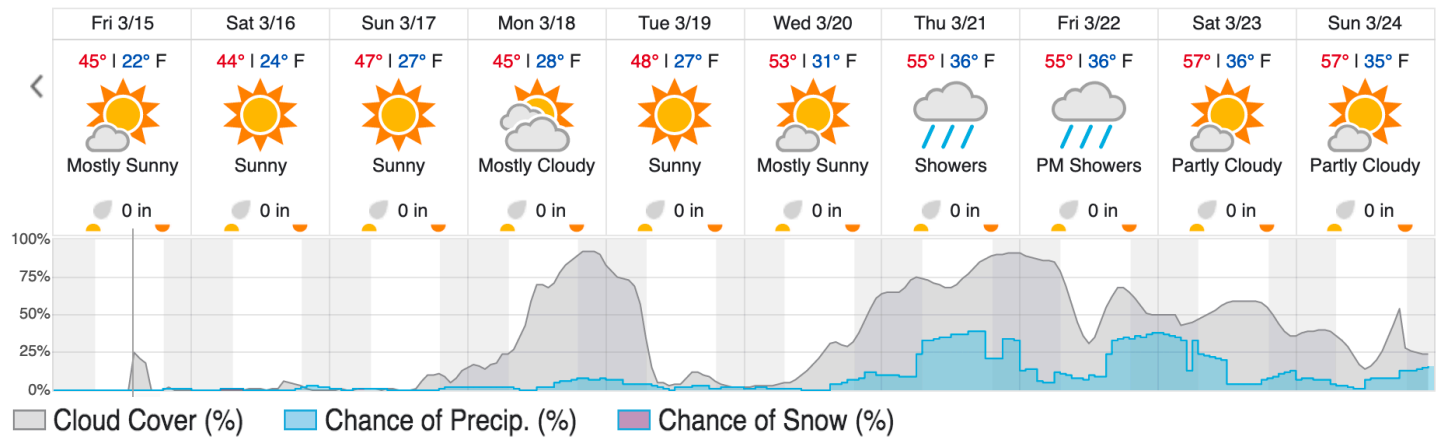
N10C

1	2	3	4	5	6	7	8	9	10	11	12	13	14
---	---	---	---	---	---	---	---	---	----	----	----	----	----

Flown: 100% (14/14)
Green: 0% (0/14)
Yellow: 0% (0/14)
Red: 100% (14/14)

Weather Forecast

Boulder, CO



Flight Collection Plan for 16 March 2019

Flyority 1

Collection Area: NIS Offset

Flight Plan Name: D10_O10A_NIS_Offset_v1.pln

On Station Time: 1050 Local / 1650 UTC

Crew: **Lidar:** Abe Morrison **NIS:** John Adler **Ground:** Mitch Haynes **Trainer:** Matt DeVoe