



September 8, 2019 Payload 1 Daily Flight Report



Date: 2019-09-08
Flight Campaign ID: 2019_P1C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 00
Sites Flown: None
Days left in Domain: 9

Report Author: Nick Marusich
Flight Crew: Nick Marusich, Michael Wussow
Ground/GPS: None
Pilots: Chad Evans, Wesley Wyatt
Additional Personnel:
GPS Instruments: None

Flight Hours: 00:00
Hours until maintenance: 23.38

Summary

Clouds were forecast to develop and prevent calibration flights. Forecast looks favorable the next few days.

Concerns

None

Comments

- Mike Wussow rotates out on PTO.

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: 0% (0/20)

Green: 0% (0/20)

Yellow: 0% (0/20)

Red: 0% (0/20)

H10B

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

Flown: 0% (0/4)

Green: 0% (0/4)

Yellow: 0% (0/4)

Red: 0% (0/4)

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

W10B

1	2
---	---

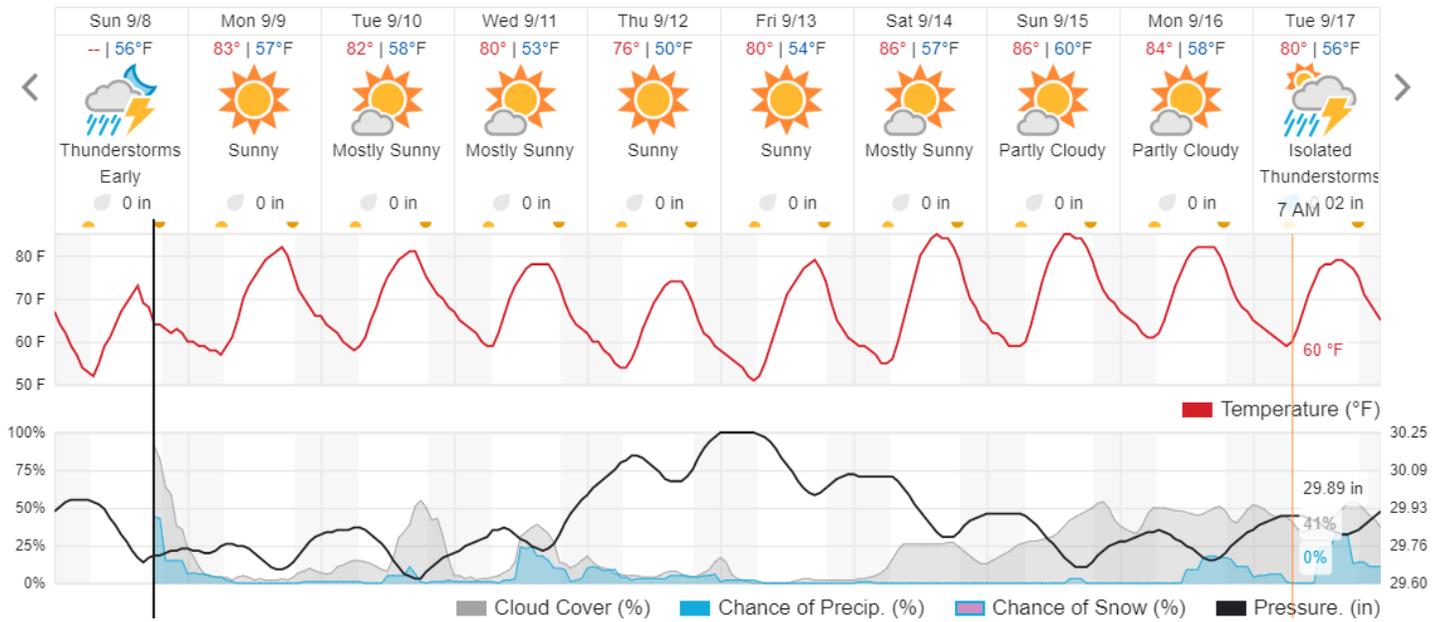
Flown: 100% (2/2)
 Green: 0% (0/2)
 Yellow: 0% (0/2)
 Red: 100% (2/2)

N10C

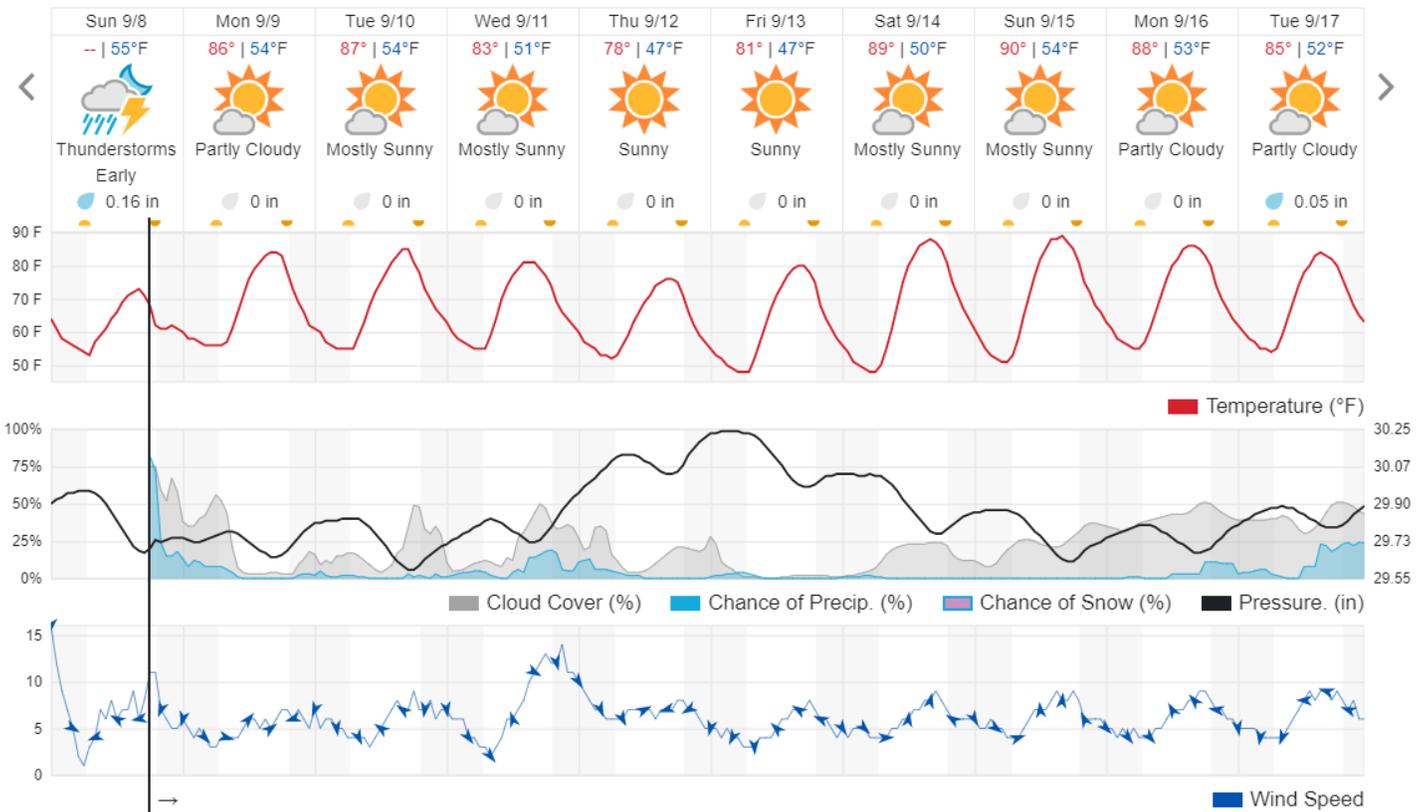
1	2	3	4	5	6	7	8	9	10	11	12	13	14
---	---	---	---	---	---	---	---	---	----	----	----	----	----

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

Weather Forecast
 Boulder, CO



Greeley, CO



Flight Collection Plan for 10 September 2019

Calibration Flights

- B10B – Boresight/Geo-Cal – 40° solar angle time: 16:20 UTC/10:20 L
- R10A – Radiometric – 45° solar angle time: 16:50 UTC/10:50 L
- H10B – HQ LIDAR Validation – solar angle time: N/A
- O10A – NIS Offset – 40° solar angle time: 16:20 UTC/10:20 L

Crew: Matt Devoe (Lidar), Nick Marusich (NIS)