



September 5, 2019 Payload 1 Daily Flight Report



Date: 2019-09-05
Flight Campaign ID: 2019_P1C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 00
Sites Flown: None
Days left in Domain: 12

Report Author: Michael Wussow
Flight Crew: Abe Morrison, Michael Wussow
Ground/GPS:
Pilots: Chad Evans, Wesley Wyatt
Additional Personnel:
GPS Instruments:

Flight Hours: 00:00
Hours until maintenance: 23.38

Summary

The presence of clouds over Table Mountain and the build-up of cumulus clouds at start of solar angle prevented desired conditions for calibration flights today.

Concerns

None

Comments

None

Cumulative Domain Coverage

B10B

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)

H10B

1	2	3	4
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Flown: 0% (0/4)
Green: 0% (0/4)
Yellow: 0% (0/4)
Red: 0% (0/4)

O10A

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

R10B

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)

W10B

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

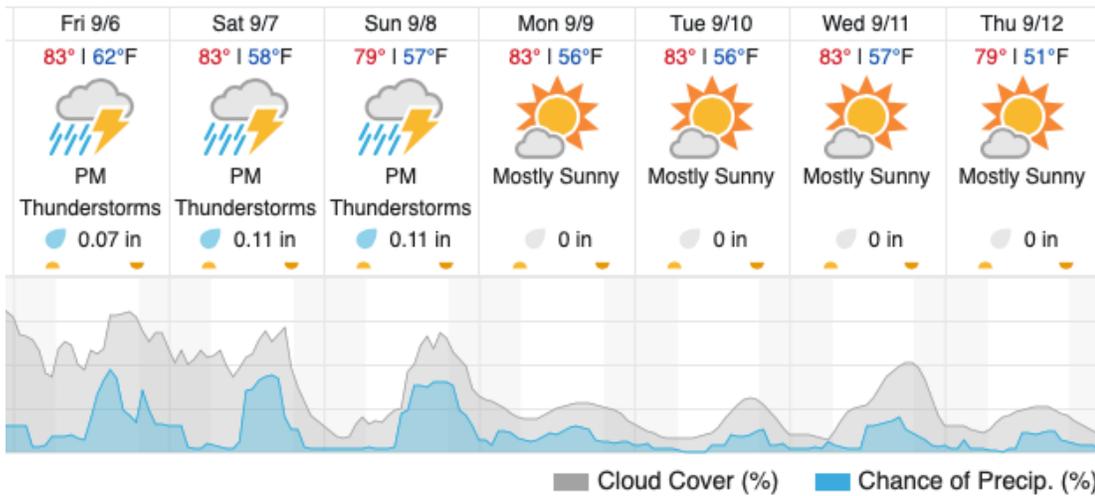
N10C

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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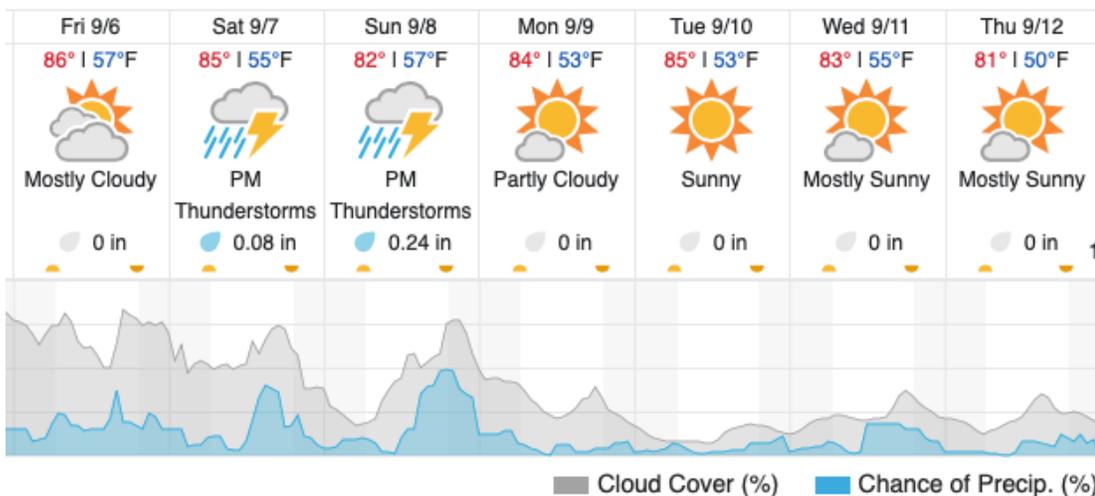
Flown: 100% (14/14)
 Green: 0% (0/14)
 Yellow: 0% (0/14)
 Red: 100% (14/14)

Weather Forecast

Boulder, CO



Greeley, CO



Flight Collection Plan for 6-8 September 2019

***No flights planned 9/6-9/8 unless green conditions are present**

9/6 Crew: Abe Morrison (Lidar), Mike Wussow (NIS)

9/7 Crew: Mike Wussow (Lidar), Nick Marusich (NIS)

9/8 Crew: Nick Marusich (Lidar), (NIS) Mike Wussow

Flight Collection Plan for 9 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)