



## August 13, 2019 Payload 3 Daily Flight Report



**Date:** 2019-08-13

**Flight Campaign ID:** 2019\_P3C1

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

**Domain:** 13

**Sites Flown:** None

**Days left in Domain:** 13

**Report Author:** John Adler

**Flight Crew:** John Adler, Nick Marusich

**Ground/GPS:** John Adler, Nick Marusich

**Pilots:** Chad Evans, Shelby Schulz

**Additional Personnel:** None.

**Flight Hours:** 0.0

**Hours until maintenance:** 62.32

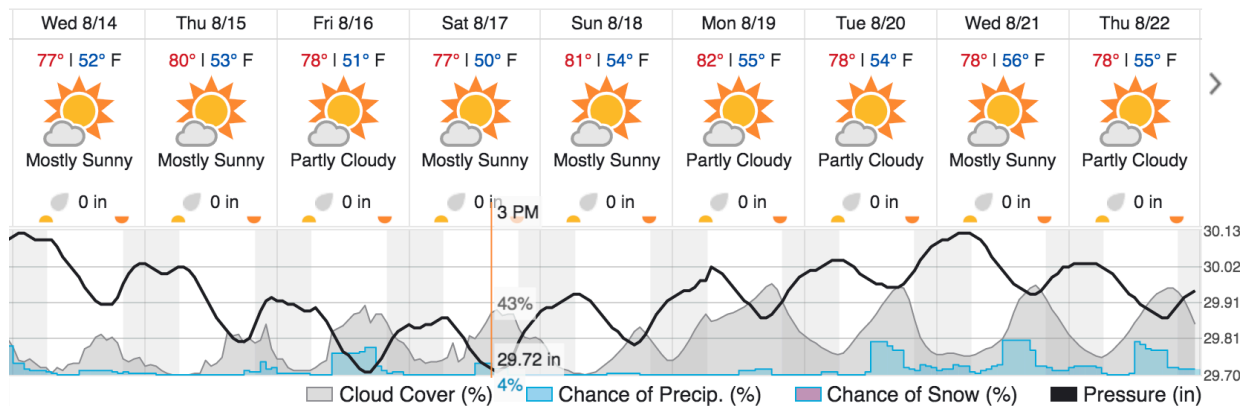
**GPS Instruments:** 01 - FBO\_KBDU, C-MC01, C-MC04, U-P012

**Summary:** Last night the hangar lost power for a significant amount of time, and the Payload UPS system was drained. Today we cooled the Payload back to nominal temperatures and it is ready for flying tomorrow.

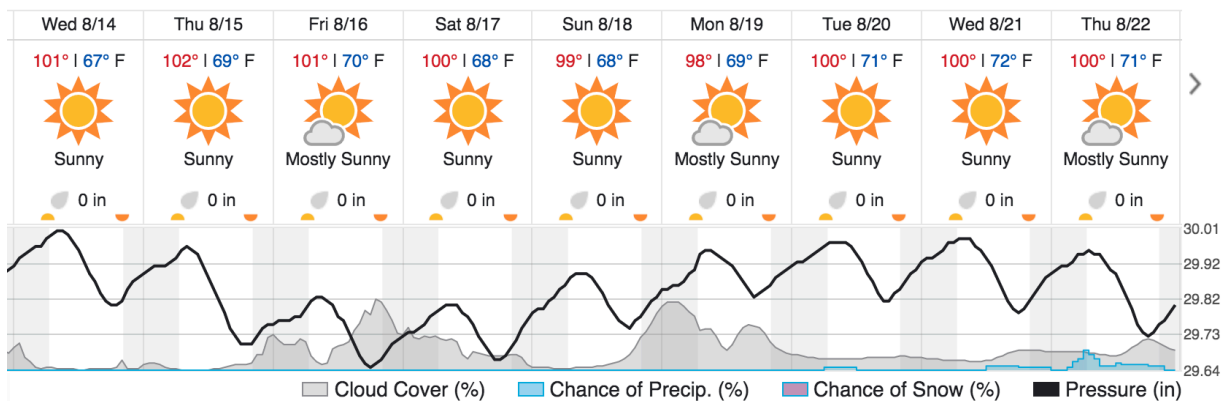
**Concerns:** None.

**Comments:** The QA was re-run after the power failure; thanks Andrew!

### Weather Forecast



Nederland, CO (NIWO)



Moab, UT (MOAB)

Daily Coverage

D13   MOAB	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	13				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	15				✓	✓	✓	NLC
	16				✓	✓	✓	NLC
	17				✓	✓	✓	NLC
	18				✓	✓	✓	NLC
	19				✓	✓	✓	NLC
	20				✓	✓	✓	NLC
	21				✓	✓	✓	NLC
	22				✓	✓	✓	NLC
	23				✓	✓	✓	NLC
	24				✓	✓	✓	NLC
	25				✓	✓	✓	NLC
	26				✓	✓	✓	NLC
	27				✓	✓	✓	LC
	28				✓	✓	✓	NLC
	29				✓	✓	✓	NLC
Flown:	18							

Cumulative Domain Coverage

MOAB

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											

Flown: 55% (16/29)  
Green: 0% (0/29)  
Yellow: 55% (16/29)  
Red: 0% (0/29)

**NIWO**

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	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52								

Flown: 0% (0/52)

Green: 0% (0/52)

Yellow: 0% (0/52)

Red: 0% (0/52)

**Flight Collection Plan for 14 August 2019**

**Crew:** John Adler (lidar), Nick Marusich (NIS)

**Flyority 1**

Collection Area: Niwot Ridge Mountain Research Station (NIWO)

Flight Plan Name: D13\_NIWO\_C1\_P1\_v5\_Q780

On-Station Time: 1550 – 2230 UTC / 0940 – 1630 L

**Flyority 2**

Collection Area: Moab (MOAB)

Flight Plan Name: D13\_MOAB\_R1\_P1\_v3\_Q780

On-Station Time: 1610 – 2240 UTC / 1010 – 1640 L