



## August 11, 2018 Payload 3 Daily Flight Report



**Date:** 2018-08-11

**Flight Campaign ID:** 2018\_P3C1

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

**Domain:** 13

**Sites Flown:** NIWO (Niwot Ridge Mountain Research Station)

**Days left in Domain:** 6

**Report Author:** Abe Morrison

**Flight Crew:** Abe Morrison, Cameron Chapman

**Ground/GPS:** None

**Pilots:** Stephen Brawders, Grant Frost

**Additional Personnel:**

**GPS Instruments:** 03 - FBO\_KBDU, 05 - NIWO

**Flight Hours:** 03:04

**Hours until maintenance:** 119.35

### Summary

Mostly clear skies with some high thin cirrus greeted the crew at niwot ridge. We collected 23 lines under yellow sky conditions.

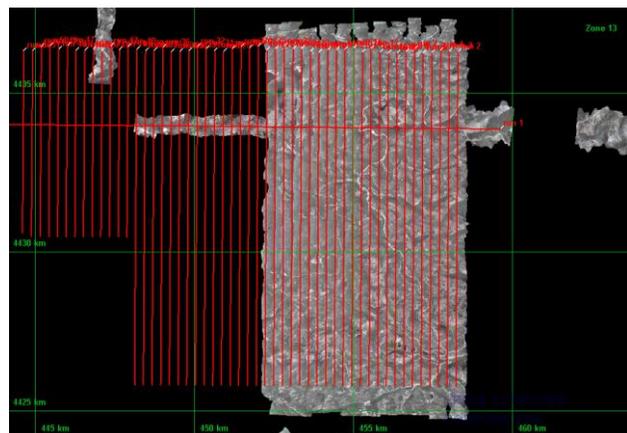
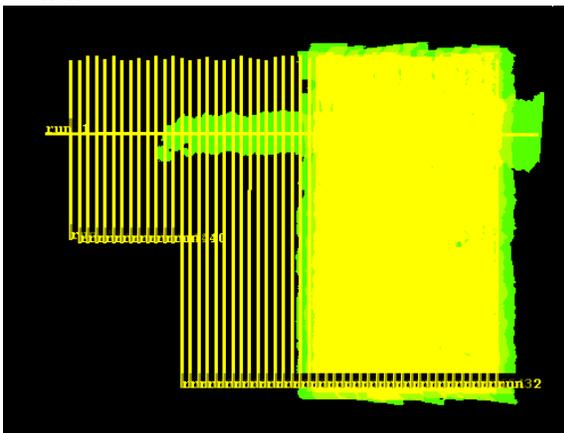
### Concerns

None

### Comments

--Collected lines 1-23 at Niwot Ridge Site(yellow conditions)

### Flight Screenshots

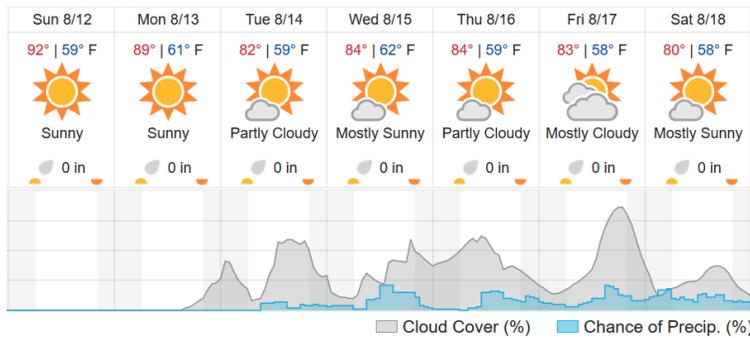


## Daily Coverage

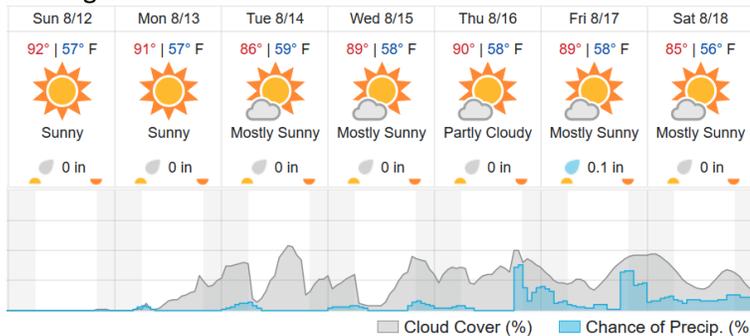
D13 NIWO	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	NLC
	6				✓	✓	✓	NLC
	7				✓	✓	✓	NLC
	8				✓	✓	✓	NLC
	9				✓	✓	✓	NLC
	10				✓	✓	✓	NLC
	11				✓	✓	✓	NLC
	12				✓	✓	✓	NLC
	13				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	15				✓	✓	✓	NLC
	16				✓	✓	✓	NLC
	17				✓	✓	✓	NLC
	18				✓	✓	✓	NLC
	19				✓	✓	✓	NLC
	20				✓	✓	✓	NLC
	21				✓	✓	✓	NLC
	22				✓	✓	✓	NLC
	23				✓	✓	✓	NLC
Flown:	23							

## Weather Forecast

### Boulder CO



### Sterling CO



**Flight Collection Plan for 12 August 2018**

**Flyority 1** (Flight Priority 2): *Lines 2- 30 if Green Sky Conditions*

Collection Area: Niwot Ridge Mountain Research Station (NIWO)

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

On-Station Time: 15:33 UTC / 0933 L

**Flyority 2** (Flight Priority 3):

Collection Area: Rocky Mountain National Park (RMNP)

Flight Plan Name: D10\_RMNP\_R2\_P1\_v2\_Q780

On-Station Time: 15:33 UTC / 0933 L

**Flyority 3** (Flight Priority 4):

Collection Area: Sterling Agricultural Site (STER)

Flight Plan Name: D10\_STER\_R1\_P1\_v3\_Q780

On-Station Time: 15:25 UTC / 0925 L

**Flyority 4** (Flight Priority 5):

Collection Area: West St. Louis Creek (WLOU)

Flight Plan Name: D13\_WLOU\_A1\_P1\_v1\_Q780

On-Station Time: 15:35 UTC / 0935 L

Crew: Cameron Chapman (Lidar), Abe Morrison (NIS)