



July 21, 2019 Payload 1 Daily Flight Report



**Date:** 2019-07-21

**Flight Campaign ID:** 2019\_P1C1

**Airport, FBO ID, City:** Bozeman Yellowstone International Airport (KBZN) - Belgrade, MT

**Domain:** 12

**Sites Flown:** N12A (D12 Nominal Runway), YELL (Yellowstone Northern Range)

**Days left in Domain:** 7

**Report Author:** Mitch Haynes

**Flight Crew:** Mitch Haynes, John Adler

**Flight Hours:** 03:35

**Ground/GPS:**

**Hours until maintenance:** 82.93

**Pilots:** Chad Evans, Shelby Schulz

**Additional Personnel:**

**GPS Instruments:** U-P725, 05 - FBO-KBZN, U-MAWY

**Summary**

Good weather continued here in D12, with the crew able to collect 23 more lines under green, clear sky conditions.

**Concerns**

- Internet/Teldat issues occurring. Will talk with Andrew tomorrow.

**Comments**

- Pilot David Little departed Bozeman today. Thanks for your hard work, David!

**Daily Coverage**

D12 N12A	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
Flown:	1							
D12 YELL	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	24				✓	✓	✓	NLC
	25				✓	✓	✓	NLC
	26				✓	✓	✓	NLC
	27				✓	✓	✓	NLC
	28				✓	✓	✓	NLC
	29				✓	✓	✓	NLC
	30				✓	✓	✓	NLC
	31				✓	✓	✓	NLC
	32				✓	✓	✓	NLC
	33				✓	✓	✓	NLC
	34				✓	✓	✓	NLC
	35				✓	✓	✓	NLC
	36				✓	✓	✓	NLC

	37				✓	✓	✓	NLC
	38				✓	✓	✓	NLC
	39				✓	✓	✓	NLC
	40				✓	✓	✓	NLC
	41				✓	✓	✓	NLC
	42				✓	✓	✓	NLC
	43				✓	✓	✓	NLC
	44				✓	✓	✓	NLC
	45				✓	✗	✓	NC
Flown:	23							

**Cumulative Domain Coverage**

**N12A**

1																			
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Flown: 100% (1/1)

Green: 100% (1/1)

Yellow: 0% (0/1)

Red: 0% (0/1)

**YELL**

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	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
81	82	83	84	85															

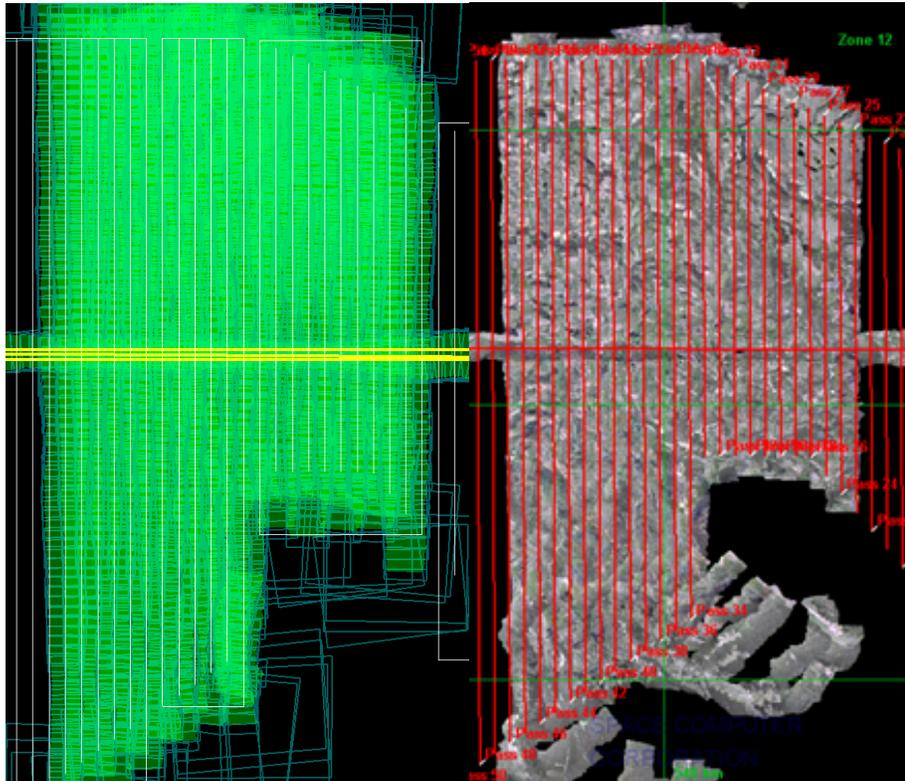
Flown: 74% (63/85)

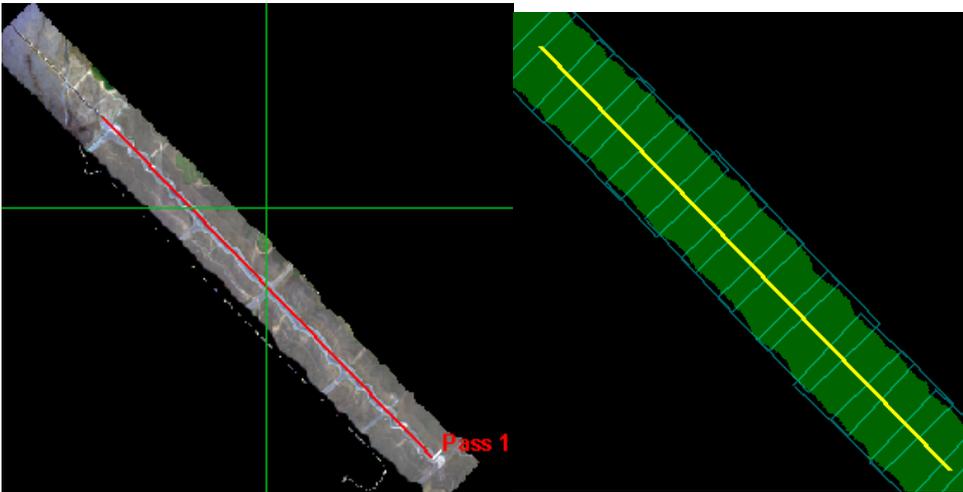
Green: 76% (65/85)

Yellow: 0% (0/85)

Red: 0% (0/85)

**Flight Screenshots**





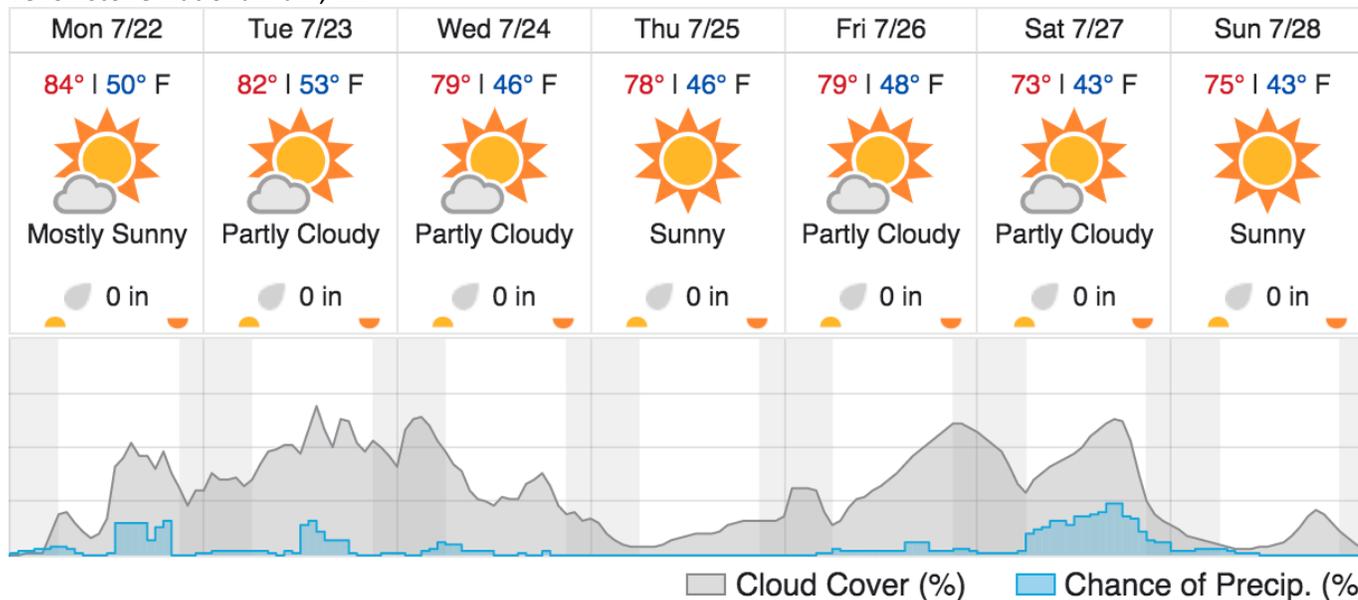
Pictures



Above: NEON Tower site visible in the lower left hand portion of the photo.

## Weather Forecast

Yellowstone National Park, WY



## Flight Collection Plan for 22 July 2019

Flyority 1 (Flight Priority 1):

Collection Area: Yellowstone Northern Range (YELL) lines 2-23

Flight Plan Name: D12\_YELL\_C1\_P1\_v4\_650AGL\_Max.pln

On-Station Time: 1600 UTC / 1000 L

Crew: John Adler (Lidar), Mitch Haynes (NIS/GPS)