



Payload 2 Daily Flight Report

Date: 2020-07-14

Flight Campaign ID: P2C1

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

Domain: 12 (Northern Rockies)

Sites Flown: YELL (Yellowstone Northern Range)

Days left in Domain: 3

Report Author: John Adler

Lidar Operators: John Adler

Spectrometer Operators: Ivana Vu

Pilots: Stephen Brawders, Will Matthews

Flight Hours: 01:52

Hours until maintenance: 46.35

GPS Instruments: 04 - FBO_KBZN, U-MAWY, U-P720

Summary

Completed all Yellowstone flight lines under Green conditions. Will prepare for return to Boulder (KBDU) after flights are cleared by science.

Concerns

None.

Comments

None.

Daily Coverage

Estimated Cloud Cover Key

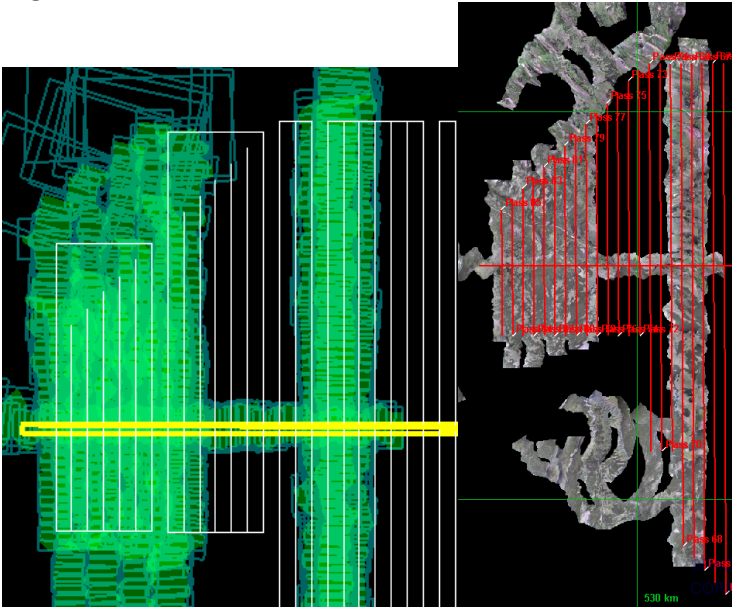
Green:	Yellow:	Red:
0-10%	11-50%	>50%

D12|YELL

Line #	1	67	68	77	78	79	80	81	82	83	84	85
Lidar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrometer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud Cover												

Total number of lines flown: 12

Flight Screenshots



Cumulative Domain Coverage

D12 | N12A (D12 Nominal Runway)

1

Flown: 100% (1/1)

Green: 100% (1/1)

Yellow: 0% (0/1)

Red: 0% (0/1)

D12 | YELL (Yellowstone Northern Range)

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: 100% (85/85)

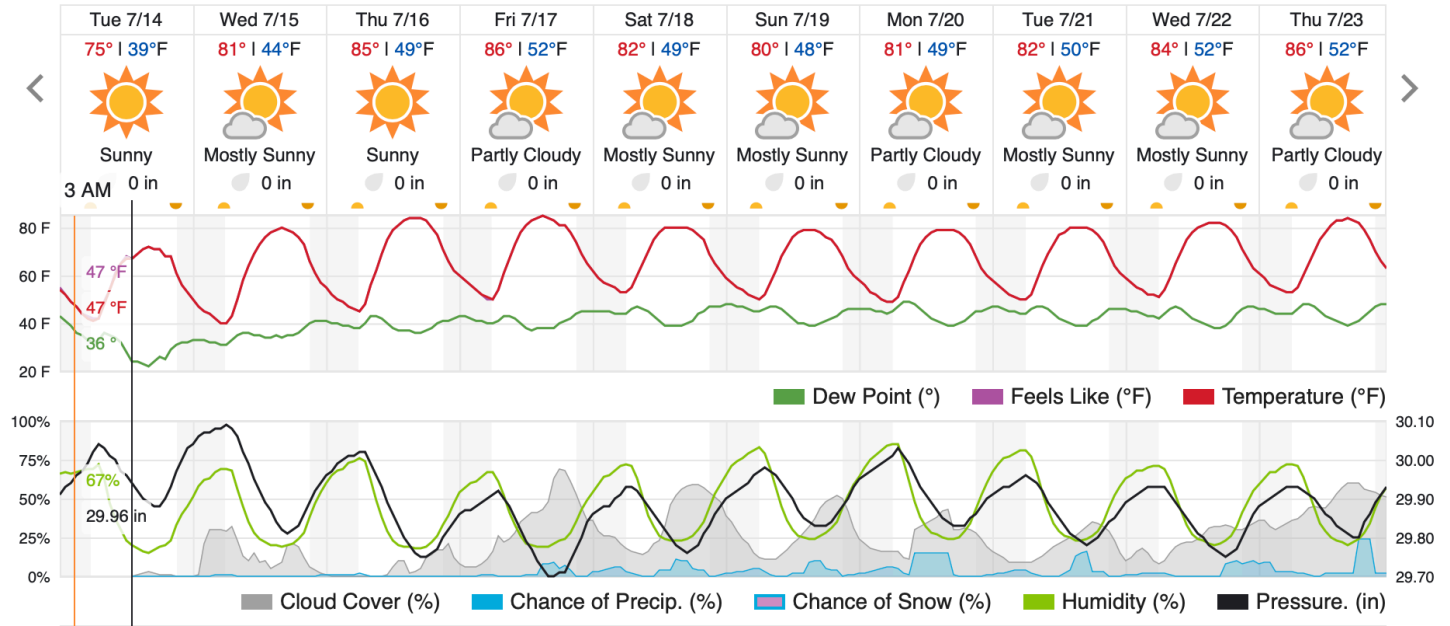
Green: 100% (85/85)

Yellow: 0% (0/85)

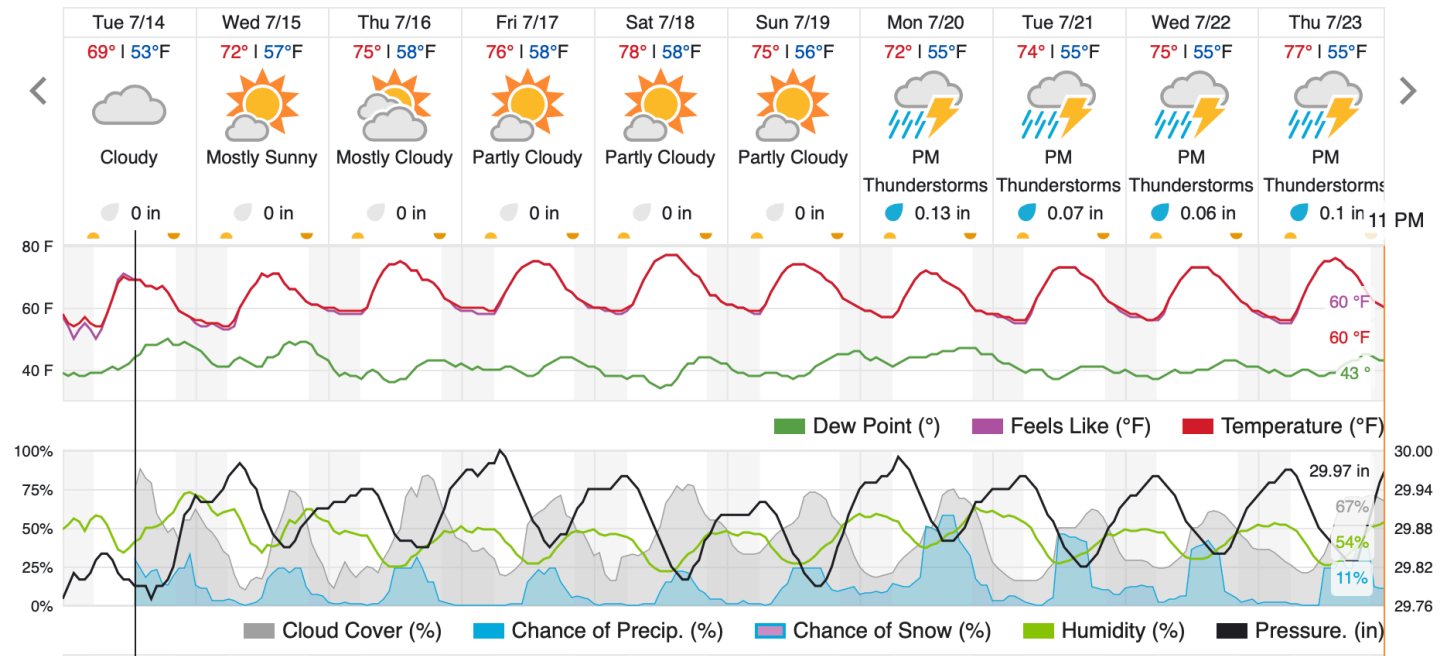
Red: 0% (0/85)

Weather Forecast

Gardiner, MT



Nederland, CO



Flight Collection Plan for 15/16Jul Month 2020

The crew will prepare to transit back to Boulder, Colorado unless there is a data problem discovered at D12.