



Payload 1 Daily Flight Report



Date: 2022-06-18

Flight Campaign ID: P1C1

Airport, FBO ID, City: Topeka Regional Airport (KFOE) - Topeka, KS, North Platte Regional Airport (KLBF) - North Platte, NE, Northeast Wyoming Regional Airport (KGCC) - Gillette, WY

Aircraft: N331AR

Domain: 00 (Training & Calibration)

Sites Flown: Transit ()

Days left in Domain: 12

Report Author: Cameron

Lidar Operators: Cameron **Flight Hours:** 01:49:00, 01:57:00, 01:48:00

Spectrometer Operators: **Hours until maintenance:** 47.33

Pilots: Justin , Jeremy

Ground Crew: Mitch

Summary

The crew departed D06 this morning in very thick, hazy conditions. We made a few fuel stops and arrived in D12 late this afternoon. The aircraft is tucked away and ready for data collections.

Concerns

None

Comments

None

Daily Coverage

Estimated Cloud Cover Key

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

Flight Screenshots:

None

Pictures



Departing D06 this morning in a blanket of fog like haze.



Cumulative Domain Coverage

D12 | N12A (D12 Nominal Runway)

1

Flown: 0% (0/1)

Green: 0% (0/1)

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: 0% (0/85)

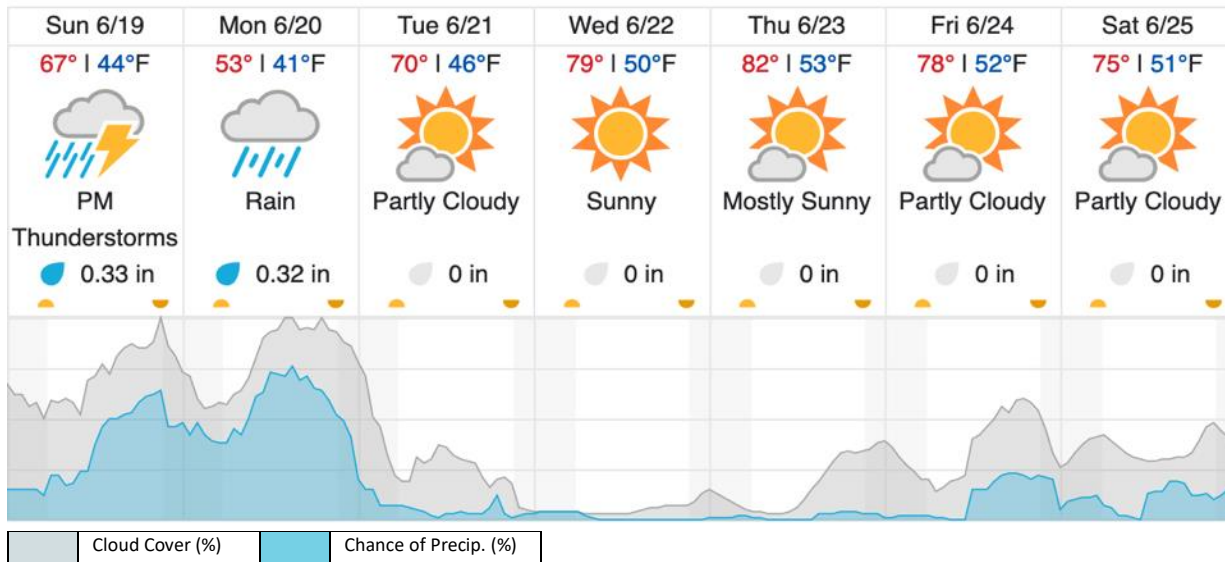
Green: 0% (0/85)

Yellow: 0% (0/85)

Red: 0% (0/85)

Weather Forecast

Bozeman, MT



source: wunderground.com

Flight Collection Plan for 19 June 2022

Flyority 1

Collection Area: Yellowstone Northern Range (YELL)

Flight Plan Name: D12_YELL_C1_P1_v4_650AGL_Max_PRM.xml

On-station Time: 1540 UTC / 0940 L

Flyority 2

Collection Area: Nominal Runway – D12

Flight Plan Name: D12_N12A_Nominal_Runway_Test_v1_PRM.xml

On-station Time: N/A