



Payload 3 Daily Flight Report

Date: 2025-07-12

Flight Campaign ID: P3C1

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

Aircraft: N821AR

Domain: 12 (Northern Rockies)

Sites Flown: None

Days left in Domain: 9

Report Author: Cameron

Lidar Operators: Cameron

Flight Hours: 00:00

Spectrometer Operators: Mitch

Hours until maintenance: 125.00

Pilots: Justin, Troy

Summary

The 125-hour aircraft inspection is complete. Pumping and cooling are underway, and we're on track to begin data collection Monday as scheduled.

Concerns

- None

Comments

- Replacement Sherpa installed.

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

Cumulative Domain Coverage

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)

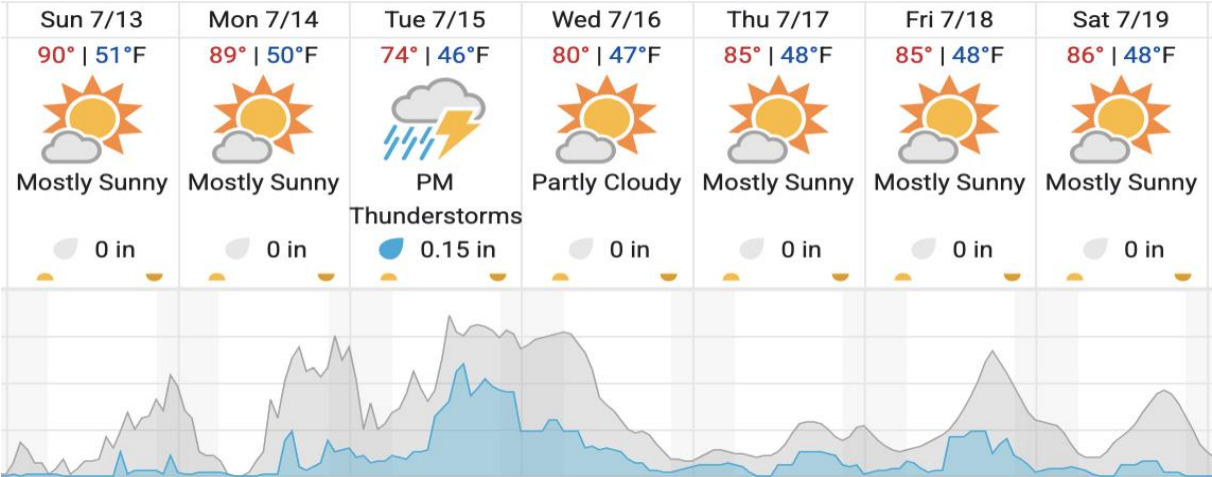
Green: 0% (0/85)

Yellow: 0% (0/85)

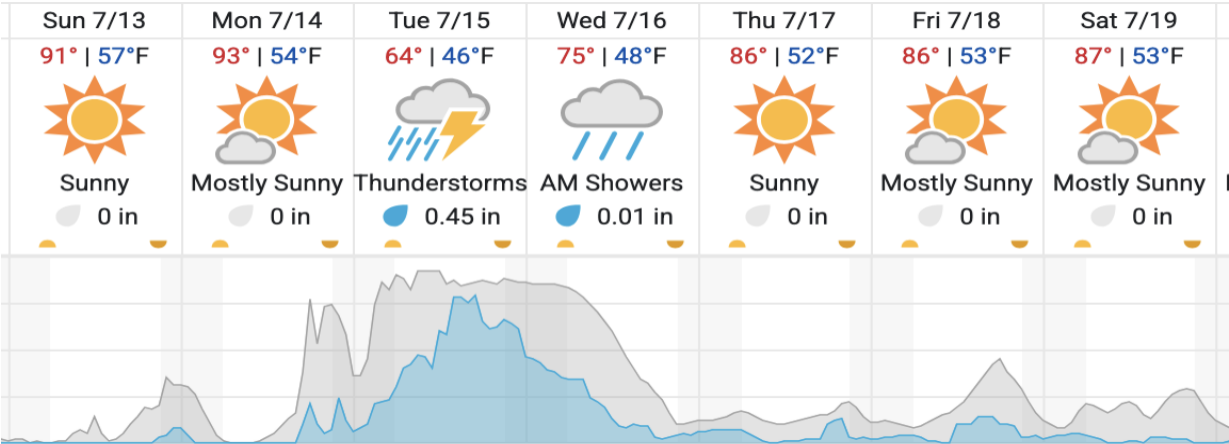
Red: 0% (0/85)

* Flown within 35deg solar angle

Weather Forecast
Gardiner, MT (YELL)



Bozeman, MT (FBO)



source: wunderground.com

Flight Collection Plan for July 13, 2025

Flyority 1
Collection Area: Yellowstone Northern Range (YELL)
Flight Plan Name: D12_YELL_C1_P1_v3_Q780
On-Station Time: 15:50 UTC/ 09:50 L

Crew: Mitch (Lidar), Cameron (NIS)