



## Payload 2 Daily Flight Report



**Date:** 2025-06-06  
**Flight Campaign ID:** P2C1  
**Airport, FBO ID, City:** Bismarck Municipal Airport (KBIS) - Bismarck, ND  
**Aircraft:** N615AR

**Domain:** 09 (Northern Plains)  
**Sites Flown:** None.  
**Days left in Domain:** 20

**Report Author:** John  
**Lidar Operators:** John      **Flight Hours:** 00:00  
**Spectrometer Operators:** Alyssa      **Hours until maintenance:** 79.10  
**Pilots:** Vince, Jacob

### Summary

Low fog all morning, then lifting to cloudy skies; no flights occurred today.

### Concerns

None.

### Comments

Tried to get camera images onto the mission drives, but the camera will not take photos if there is no GPS sync. We will pull out the plane tomorrow and retest before flying. Alternately we might in the future need to pack a remote GPS antenna and 100' of cable for any type of testing while inside a FBO hangar.

### Cumulative Domain Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (\*)

D09 | NOGP (Northern Great Plains )

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														

Flown: 0% (0/26)

Green: 0% (0/26)

Yellow: 0% (0/26)

Red: 0% (0/26)

\* Flown within 35deg solar angle

## D09|WOOD\_DCFS (Woodworth and Dakota Coteau Field School )

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						

Flown: 0% (0/54)

Green: 0% (0/54)

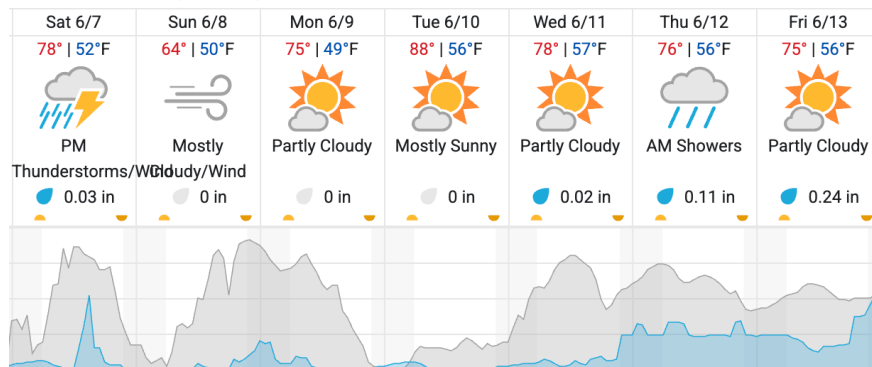
Yellow: 0% (0/54)

Red: 0% (0/54)

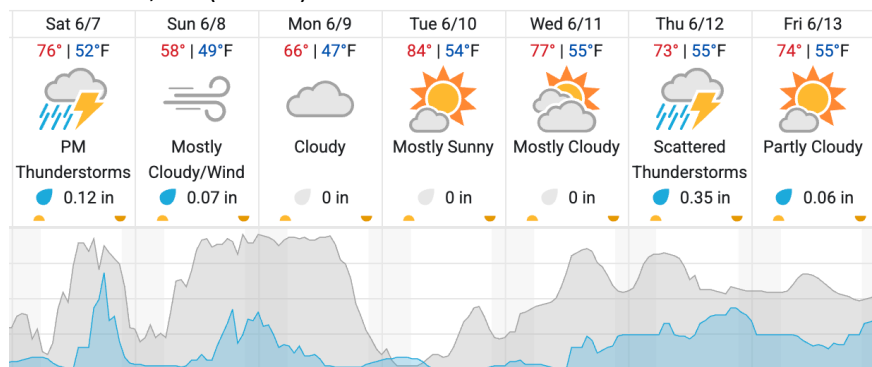
\* Flown within 35deg solar angle

## Weather Forecast

### Bismarck, ND (NOGP)



### Jamestown, ND (WOOD)



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

## Flight Collection Plan for June 07, 2025

### Flyority 1

Northern Great Plains (NOGP)

Flight Plan Name: D09\_NOGP\_R2\_P1\_v3\_VQ780

On-Station Time: (35 degrees): 1440 UTC / 0940 L

### Flyority 2

Collection Area: Woodworth (WOOD) – Dakota Coteau Field School (DCFS)

Flight Plan Name: D09\_WOOD\_DCFS\_C1\_P1\_v5\_VQ780

On-Station Time: (35 degrees): 1430 UTC / 0930 L

**Crew:** Alyssa (training lidar), John (NIS)