



Payload 3 Daily Flight Report



Date: 2023-06-16

Flight Campaign ID: P3C1

Airport, FBO ID, City: Bismarck Municipal Airport (KBIS) - Bismarck, ND

Aircraft: N934MU

Domain: 09 (Northern Plains)

Sites Flown: None

Days left in Domain: 17

Report Author: Cameron

Lidar Operators: Cameron **Flight Hours:** 00:00

Spectrometer Operators: Abe **Hours until maintenance:** 33.02

Pilots: Jeff, Jon

Summary

The system reached the appropriate temperature today and the vacuum pump was disconnected from the payload. Unfortunately, early morning rain showers followed by overcast skies persisted through the day. No flight was conducted.

Concerns

- The Sherpa Is still have charging issues, the P1 crew will send their 'spare'.

Comments

- John departed this morning.

Daily Coverage

Estimated Cloud Cover Key

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

Pictures: The twin otter sitting on the ramp this morning as the FBO crew adjusted other aircraft in the Hangar.



Cumulative Domain Coverage

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															

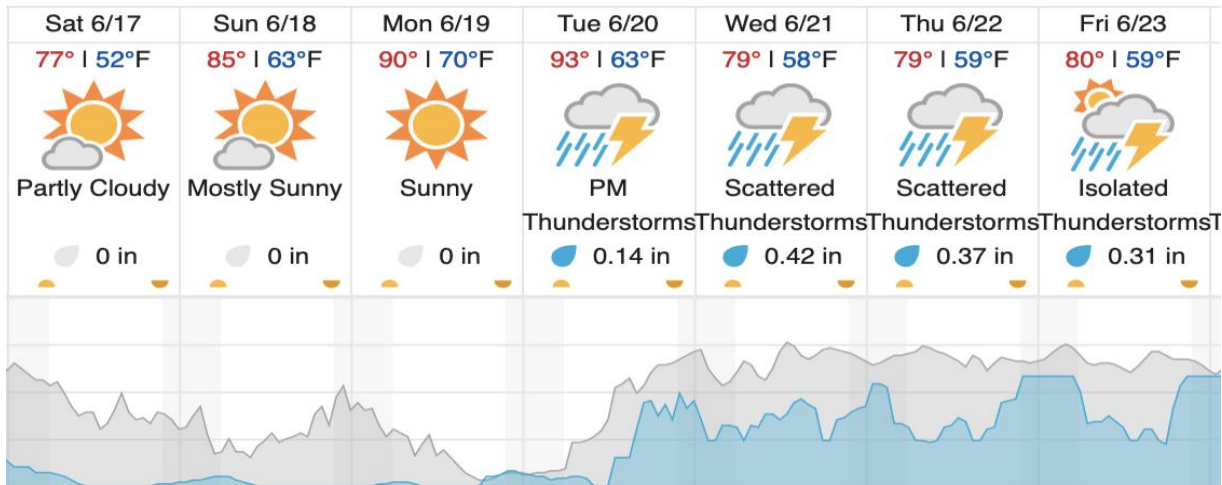
Flown: 0% (0/26)
 Green: 0% (0/26)
 Yellow: 0% (0/26)
 Red: 0% (0/26)

D09|WOOD_DCFS (Woodworth and Dakota Coteau Field School)

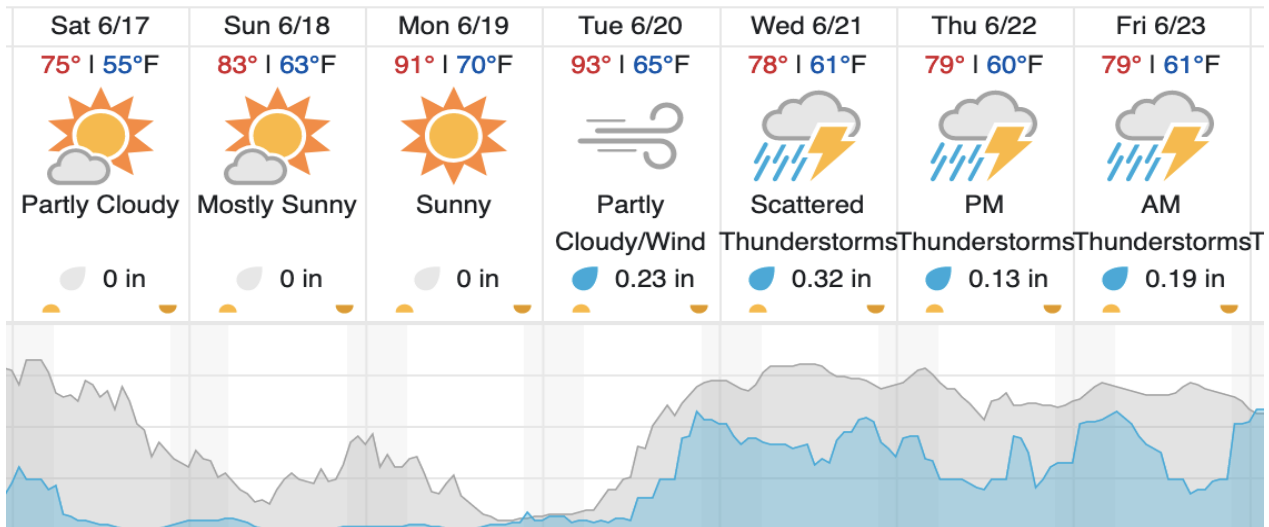
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
41	42	43	44	45	46	47	48	49	50	51	52	53	54							

Flown: 0% (0/54)
 Green: 0% (0/54)
 Yellow: 0% (0/54)
 Red: 0% (0/54)

Bismarck, ND (NOGP)



Woodworth, ND (DCFS)



Cloud Cover (%) Chance of Precip. (%)

Flight Collection Plan for June 17, 2023

Flyority 1

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

Flight Plan Name: D09_WOOD_DCFS_C1_P1_v4_Q780

On-Station Time: 15:00 UTC/ 10:00 L

Flyority 2

Collection Area: Northern Great Plains (NOGP)

Flight Plan Name: D09_NOGP_R2_P1_v2_Q780

On-Station Time: 15:10 UTC/ 10:10 L

Crew: Abe (Lidar), Cam (NIS)