



Payload 1 Daily Flight Report



Date: 2026-06-10

Flight Campaign ID: P1C1

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

Aircraft: N537AR

Domain: 09 (Northern Plains)

Sites Flown: None

Days left in Domain: 24

Report Author: Alyssa

Lidar Operators: Alyssa

Flight Hours: 00:00

Spectrometer Operators: John

Hours until maintenance: 89.68

Pilots: Troy, Manning

Summary

Full overcast at WOOD/DCFS and plentiful cirrus at NOGP all day left crew grounded. No flights attempted.

Concerns

Transducer cold cathode failure ongoing, replacement on the way.

Comments

MOAB extraction troubleshoot today, re-extracting.

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)

* 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)

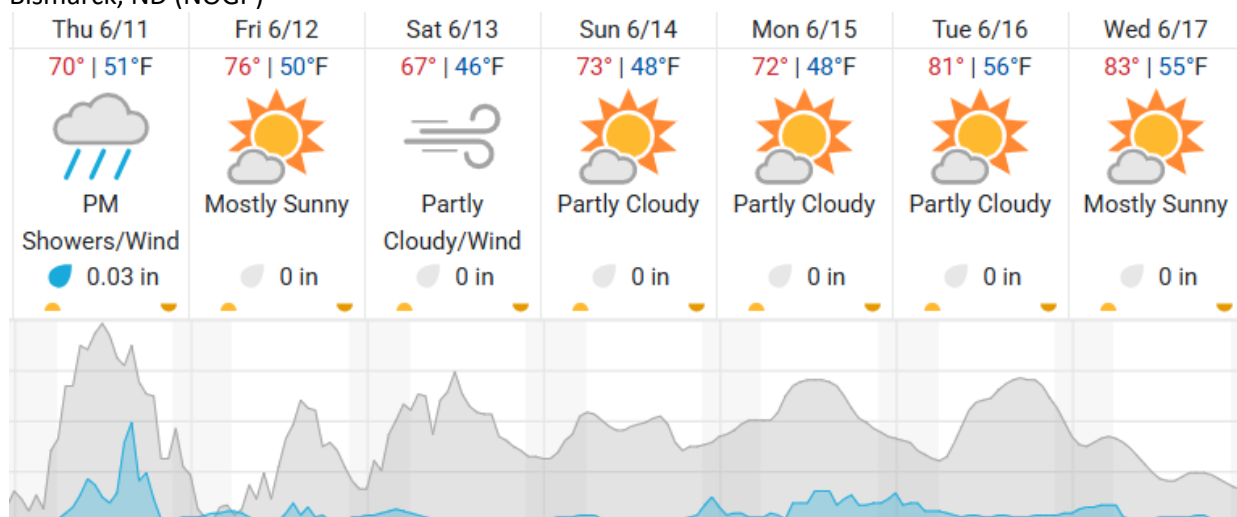
Yellow: 0% (0/54)

Red: 0% (0/54)

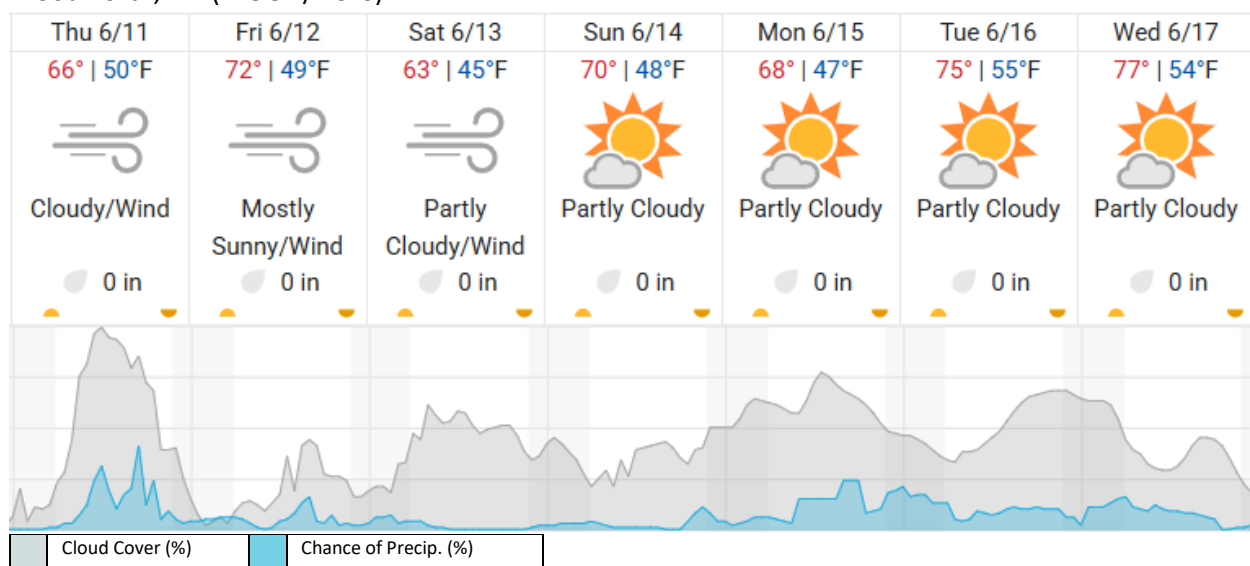
* Flown within 35deg solar angle

Weather Forecast

Bismarck, ND (NOGP)



Woodworth, ND (WOOD/DCFS)



source: wunderground.com

Flight Collection Plan for 11 June 2026

Flyority 1

Site: Northern Great Plains (NOGP)

Flight Plan Name: D09_NOGP_R2_P1_v4_PRM.xml

Solar Angle Time: 09:40L/14:40UTC

Flyority 2

Site: Woodworth (WOOD) – Dakota Coteau Field School (DCFS)

Flight Plan Name: D09_WOOD_DCFS_C1_P1_v6_PRM.xml

Solar Angle Time: 09:30L/14:30UTC

Crew: John (Lidar), Alyssa (NIS)