



July 23, 2019 Payload 3 Daily Flight Report



Date: 2019-07-23
Flight Campaign ID: 2019_P3C1
Airport, FBO ID, City: Bismarck Municipal Airport (KBIS) - Bismarck, ND

Domain: 09
Sites Flown: None
Days left in Domain: 8

Report Author: Elissa Barris
Flight Crew: Cameron Chapman, Elissa Barris
Ground/GPS: None
Pilots: Dylan Malfatti, Paul Nunemann
Additional Personnel: None
GPS Instruments: None

Flight Hours: 00:00
Hours until maintenance: 90.48

Summary

Sparse cirrus this morning worsened to >50% cirrus, stratus, and cumulus by the beginning of our solar window. No flights were attempted. We continued working through data extraction issues, successfully extracting data from yesterday's flight, and re-ran data QA/QC.

Concerns - None

Comments

Elissa Barris rotating out tomorrow morning; Nick Marusich rotating in tomorrow afternoon.

Pictures - None

Daily Coverage - None

Cumulative Domain Coverage

NOGP

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: 50% (13/26)
 Green: 46% (12/26)
 Yellow: 4% (1/26)
 Red: 0% (0/26)

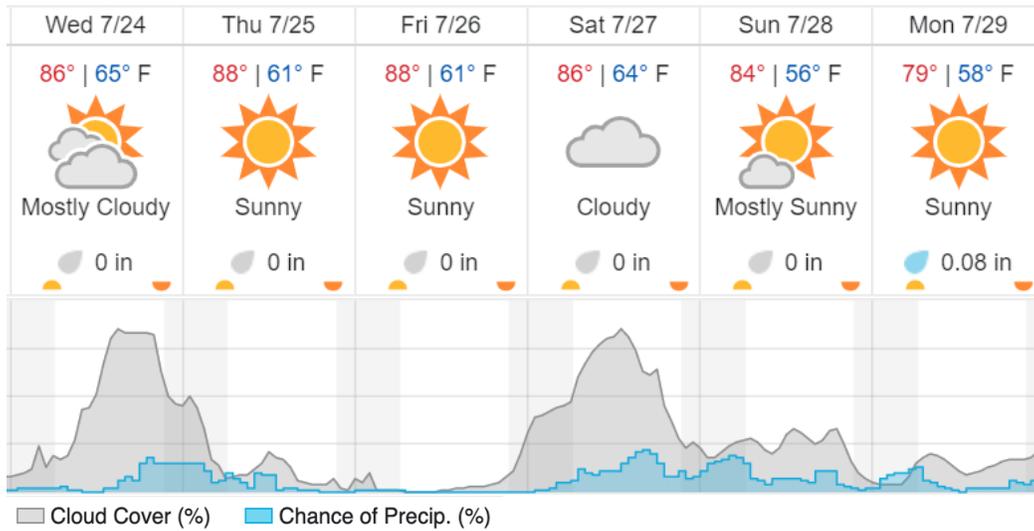
WOOD_DCFS

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						

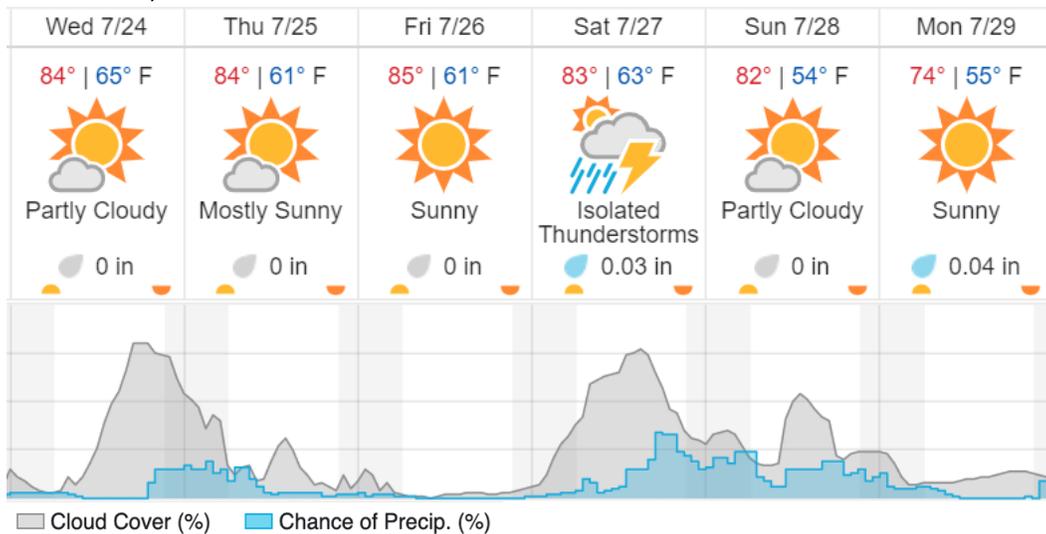
Flown: 6% (3/54)
 Green: 2% (1/54)
 Yellow: 4% (2/54)
 Red: 0% (0/54)

Weather Forecast

Mandan, ND



Woodworth, ND



Flight Collection Plan for 24 July 2019

No scheduled flight activity- Down day- Crew rotation

Crew: Elissa Barris out, Nick Marusich in

Flight Collection Plan for 25 July 2019

Flyority 1:

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

Flight Plan Name: D09_WOOD_DCFS_C1_P1_v4_Q780

On-station Time: 1520 / 1020L

Flyority 2:

Collection Area: Northern Great Plains (NOGP)

Flight Plan Name: D09_NOGP_R2_P1_v2_Q780

On-station Time: 1530 / 1030L

Crew: Cameron Chapman (Lidar), Nick Marusich (NIS/GPS)