



Payload 3 Daily Flight Report



Date: 2023-08-04
Flight Campaign ID: P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N934MU

Domain: 10 (Central Plains)
Sites Flown: None
Days left in Domain: 22

Report Author: Matt
Lidar Operators: Matt **Flight Hours:** 00:23
Spectrometer Operators: Nick **Hours until maintenance:** 91.93
Pilots: Justin, Jon

Summary

What looked to be a green collection window quickly deteriorated to yellow conditions as the crew approached the flight box. No collections were attempted, and the crew returned to base.

Concerns

None.

Comments

None.

Cumulative Domain Coverage

D10 | ARIK (Arikaree River)

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					

Flown: 0% (0/35)
 Green: 0% (0/35)
 Yellow: 0% (0/35)
 Red: 0% (0/35)

D10 | RMNP (Rocky Mountain National Park)

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	

Flown: 18% (7/39)
 Green: 13% (5/39)
 Yellow: 5% (2/39)
 Red: 0% (0/39)

D13 | NIWO (Niwot Ridge Mountain Research Station)

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
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Flown: 4% (2/52)
 Green: 0% (0/52)
 Yellow: 4% (2/52)
 Red: 0% (0/52)

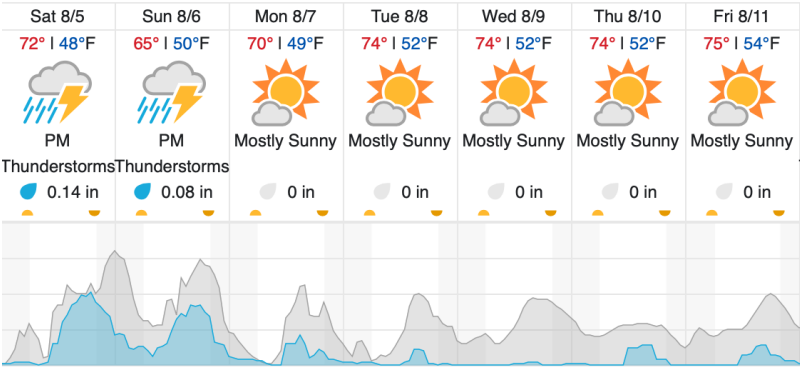
D13 | WLOU (West St. Louis Creek)

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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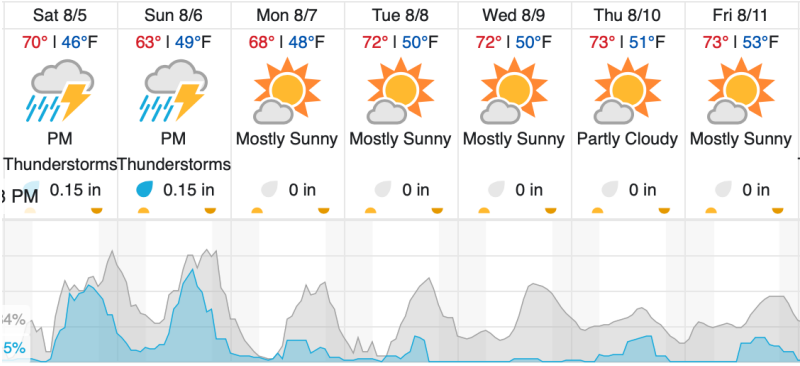
Flown: 0% (0/14)
 Green: 0% (0/14)
 Yellow: 0% (0/14)
 Red: 0% (0/14)

Weather Forecast

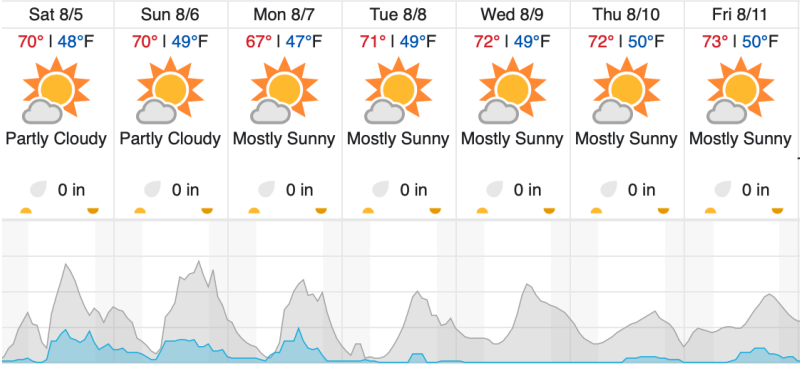
Nederland, CO (NIWO)



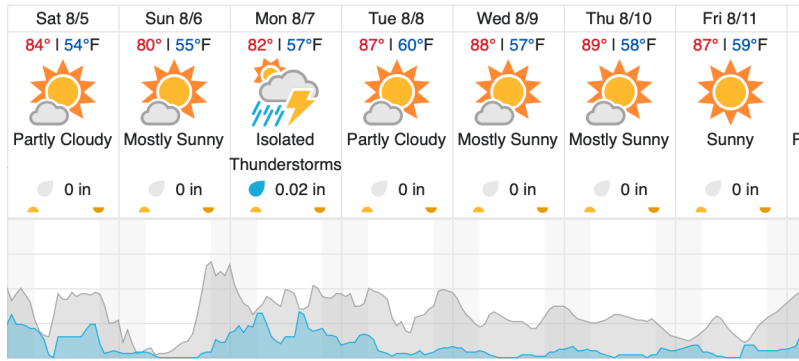
Allenspark, CO (RMNP)



Fraser, CO (WLOU)



Vernon, CO (ARIK)



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

Flight Collection Plan for August 5th 2023

Flyority 1

Collection Area: Niwot Ridge Mountain Research Station (NIWO)

Flight Plan Name: D13_NIWO_C1_P1_v5_Q780

On-Station Time: 15:40 UTC / 09:40 L

Flyority 2

Collection Area: Rocky Mountain National Park (RMNP)

Flight Plan Name: D10_RMNP_R2_P1_v2_Q780

On-Station Time: 15:40 UTC / 09:40 L

Flyority 3

Collection Area: West St. Louis Creek (WLOU)

Flight Plan Name: D13_WLOU_A1_P1_Q780

On-Station Time: 15:40 UTC / 09:40 L

Flyority 4

Collection Area: Arikaree River (ARIK)

Flight Plan Name: D10_ARIK_A1_P2_v3_Q780

On-Station Time: 15:30 UTC / 09:30 L

Crew: Nick (Lidar), Matt (NIS), N/A (Ground)