



Payload 3 Daily Flight Report



Date: 2022-07-26
Flight Campaign ID: P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N70AR

Domain: 10 (Central Plains)
Sites Flown: RMNP (Rocky Mountain National Park Priority 1)
Days left in Domain: 1

Report Author: Matt
Lidar Operators: Matt **Flight Hours:** 02:57
Spectrometer Operators: Nick **Hours until maintenance:** 95.47
Pilots: Brent , Justin **GPS Instruments:** AOP_KBDU, AOP_NIWO
Ground Crew: John

Summary

The crew completed the RMNP site under red conditions.

Concerns

None

Comments

The crew will complete a Hg lamp collect and prepare the plane for transit to D01 on Thursday.

Daily Coverage

Estimated Cloud Cover Key

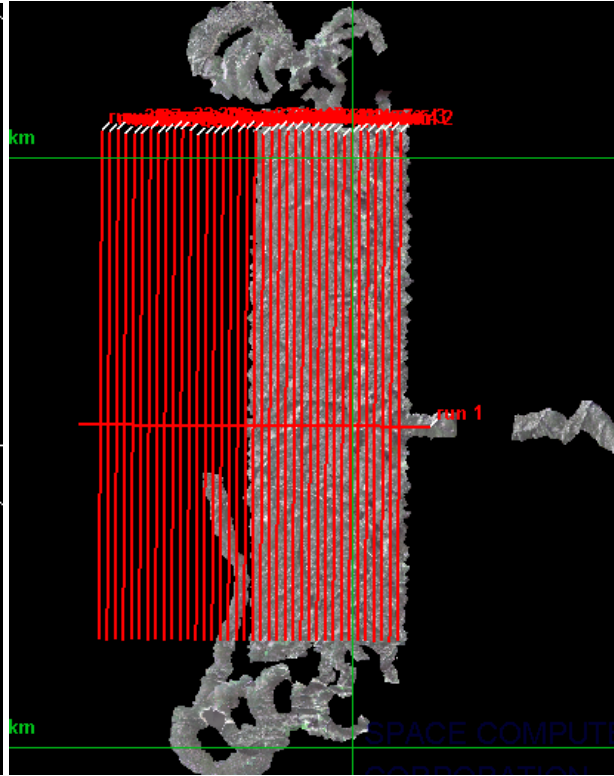
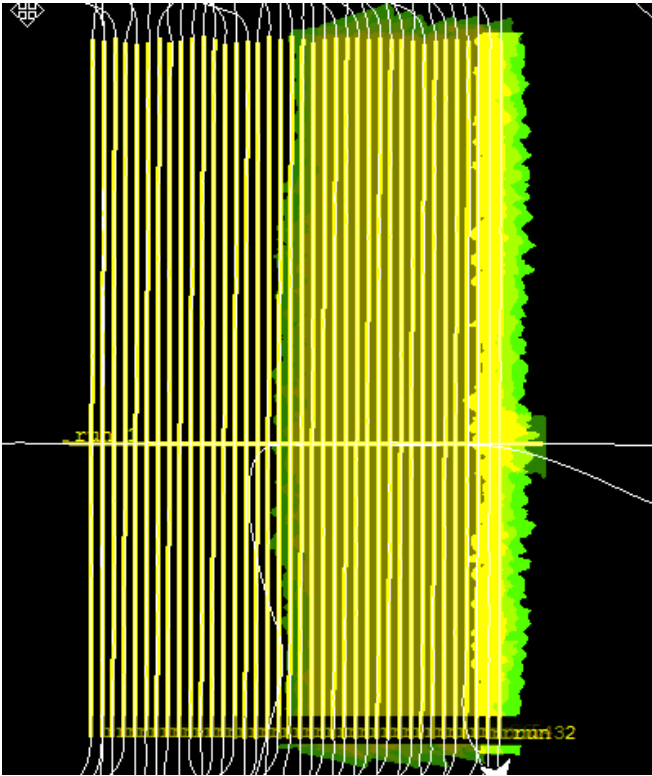
Green:	Yellow:	Red:
0-10%	11-50%	>50%

D10|RMNP

Line #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Lidar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrometer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud Cover																			

Total number of lines flown: 19

Flight Screenshots



Pictures

Long's Peak (Elev. 14,259')



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: 100% (35/35)
 Green: 100% (35/35)
 Yellow: 0% (0/35)
 Red: 0% (0/35)

D10|CTWD_BOX ()

1	2	3
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Flown: 100% (3/3)
 Green: 100% (3/3)
 Yellow: 0% (0/3)
 Red: 0% (0/3)

D10|CTWD_LINES ()

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21																			

Flown: 100% (21/21)
 Green: 100% (21/21)
 Yellow: 0% (0/21)
 Red: 0% (0/21)

D10|RMNP (Rocky Mountain National Park Priority 1)

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: 100% (39/39)
 Green: 0% (0/39)
 Yellow: 0% (0/39)
 Red: 100% (39/39)

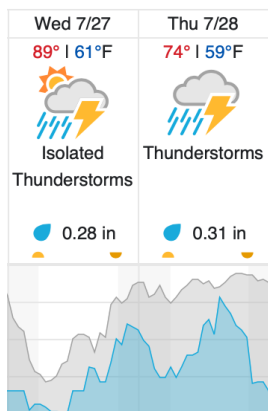
D10|STER (Sterling Agricultural Site)

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																

Flown: 100% (25/25)
 Green: 100% (25/25)
 Yellow: 0% (0/25)
 Red: 0% (0/25)

Weather Forecast

Boulder, CO



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

Flight Collection Plan for July 27th 2022

***No flights planned. Prep for transit to D01**