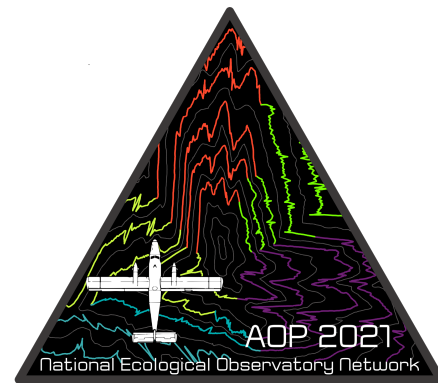




Payload 3 Daily Flight Report



Date: 2021-05-19

Flight Campaign ID: P3C1

Airport, FBO ID, City: Salt Lake City International Airport (KSLC) - Salt Lake City, UT

Aircraft: N615AR

Domain: 15 (Great Basin)

Sites Flown: ONAQ (Onaqui)

Days left in Domain: 4

Report Author: John Adler

Lidar Operators: John Adler

Spectrometer Operators: Mitch Haynes

Pilots: Stephen Brawders, Vince Maarschalkerweerd

Flight Hours: 02:46

Hours until maintenance: 29.42

GPS Instruments: C-ZLC1, U-P016

Summary: We were able to complete all missing flight lines for ONAQ today before the weather turned bad.

Concerns: None

Comments: The stand-alone MiFi system has again been helpful, as the hotel internet service is patchy.

Daily Coverage

Estimated Cloud Cover Key

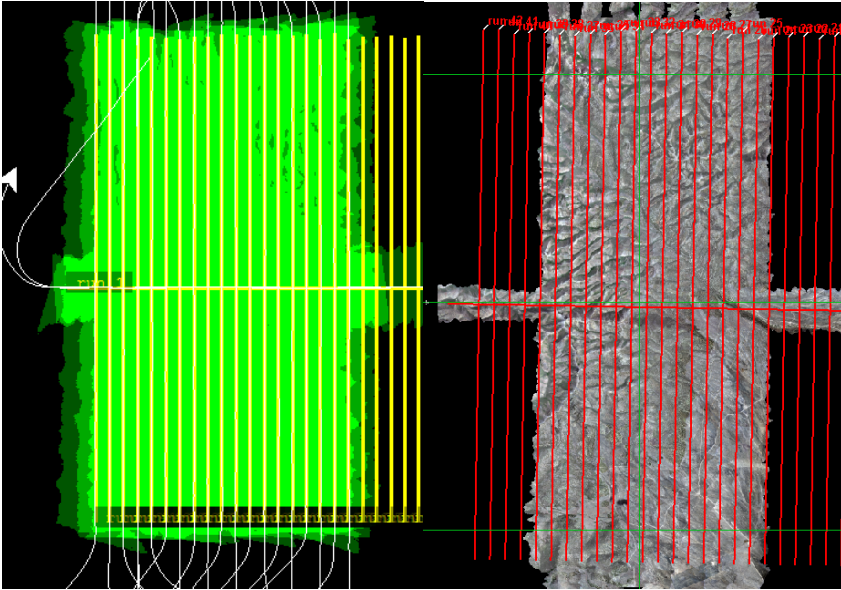
Green:	Yellow:	Red:
0-10%	11-50%	>50%

D15|ONAQ

Line #	1	24	25	26	27	28	29	30	31	32	33	34	35	36	37
Lidar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrometer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud Cover															

Total number of lines flown: 15

Flight Screenshots



Cumulative Domain Coverage

D15|ONAQ (Onaqui)

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																		

Flown: 100% (42/42)

Green: 76% (32/42)

Yellow: 14% (6/42)

Red: 10% (4/42)

D15|REDB (Red Butte)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
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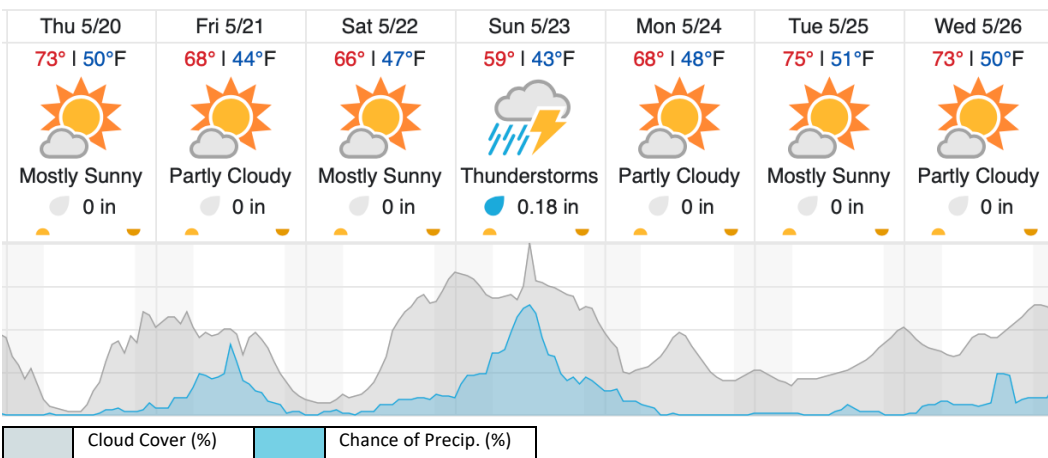
Flown: 0% (0/19)

Green: 0% (0/19)

Yellow: 0% (0/19)

Red: 0% (0/19)

Weather Forecast



source: wunderground.com

Flight Collection Plan for 20 May 2021

Flyority 1

Collection Area: Onaqui (ONAQ) yellow/red lines to be redone.

Flight Plan Name: D15_ONAQ_C1_P1_v3_Q780

On-station Time: 1600 UTC / 1000 L

Flyority 2

Collection Area: Red Butte (REDB)

Flight Plan Name: D15_REDB_A1_P1_v2_Q780

On-station Time: 1550 UTC / 0950 L

Flight Crew: John, Mitch