



Payload 3 Daily Flight Report



Date: 2022-05-02

Flight Campaign ID: P3C1

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

Aircraft: N70AR

Domain: 15 (Great Basin)

Sites Flown: ONAQ (Onaqui)

Days left in Domain: 9

Report Author: Abe

Lidar Operators: Abe

Flight Hours: 00:47

Spectrometer Operators: Cameron

Hours until maintenance: 102.57

Pilots: Nick, Jeremy

Summary

The morning brought some promise of clearing skies over the ONAQ site. The tower camera looked as though the site would be flyable and the forecast was favorable. However, when the crew arrived on station the low cumulus clouds had built up below survey altitude and no collections could be made.

Concerns

None

Comments

-TOIL mechanics arrived this afternoon to repair a failed "Beta backup switch" in the otter. Repairs were successful and the otter is ready for the next flight.

Pictures



Two eagles on the ONAQ tower monitor the site weather for the crew. Thanks for the hard work eagles!!

Pic by Abe.



Arrival at the ONAQ site at start of solar angle this morning. Clouds below survey altitude. Pic by Abe

Cumulative Domain Coverage

D15 | MOAB (Moab)

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											

Flown: 100% (29/29)
 Green: 100% (29/29)
 Yellow: 0% (0/29)
 Red: 0% (0/29)

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: 0% (0/42)
 Green: 0% (0/42)
 Yellow: 0% (0/42)
 Red: 0% (0/42)

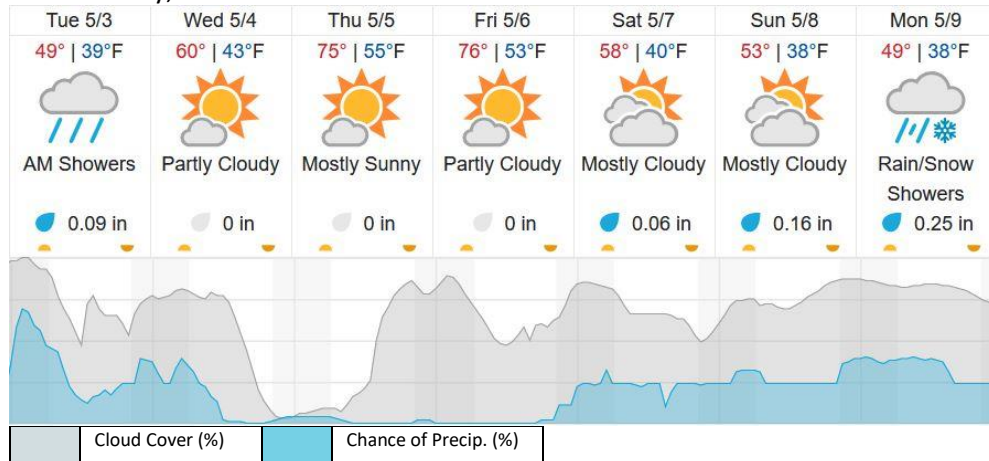
D15 | REDB (Red Butte)

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

Salt Lake City, UT



source: wunderground.com

Flight Collection Plan for 3 May 2022

Flyority 1

Collection Area: Onaqui (ONAQ)

Flight Plan Name: D15_ONAQ_C1_P1_v3_Q780

On-station Time: 1620 UTC / 1020 L

Flyority 2

Collection Area: Red Butte (REDB)

Flight Plan Name: D15_REDB_A1_P1_v2_Q780

On-station Time: 1610 UTC / 1010 L

Flight Crew:

Cameron (Lidar), Abe (NIS)