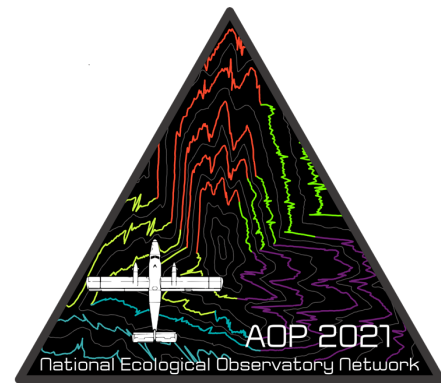




Payload 3 Daily Flight Report



Date: 2021-04-08

Flight Campaign ID: P3C1

Airport, FBO ID, City: Scottsdale Municipal Airport (KSDL) - Scottsdale, AZ

Aircraft: N615AR

Domain: 14 (Desert Southwest)

Sites Flown: None

Days left in Domain: 3

Report Author: Mitch Haynes

Lidar Operators: Mitch Haynes

Spectrometer Operators: Ivana Vu

Pilots: Stephen Brawders, Mark Solper

Flight Hours: 00:00

Hours until maintenance: 94.47

Summary

High cloud layer over the region prevented any green collect from occurring. Crew took to the road in the afternoon to verify power and other requirements in a newly built Tucson hangar, which NEON will be basing out of for SRER and JORN flights later this summer.

Concerns

NIS Chamber Pressure reverted back to reading $1E-8$ torr, confirming theory of bad transducer.

Comments

Crew evaluating the potential of a Monday collect prior to departure. Will depend on coverage weekend flight coverage.

Pictures: Sky coverage looking east towards the SYCA flight box from Scottsdale.



Cumulative Domain Coverage

D14|SYCA (Sycamore Creek)

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	55	56	57	58	59	60
61	62																		

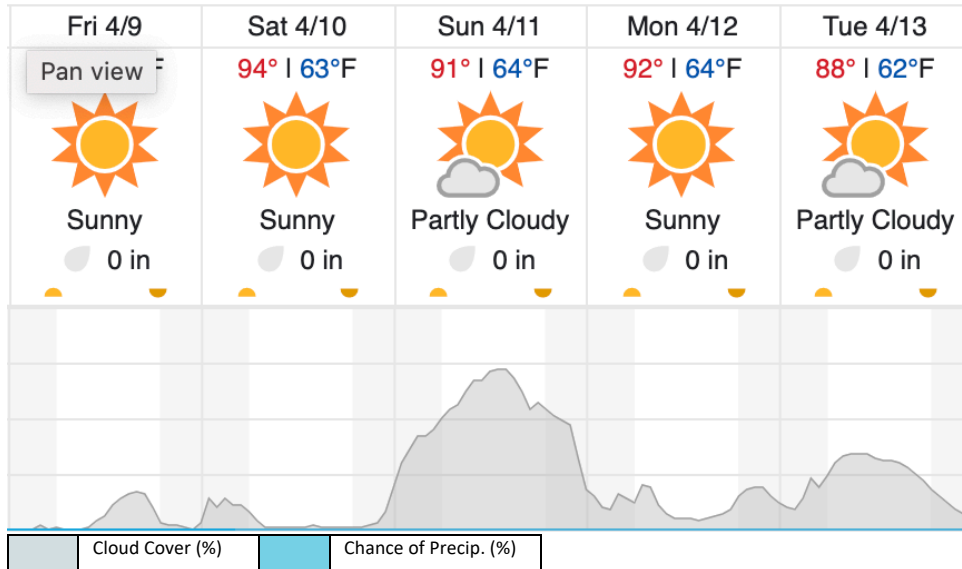
Flown: 19% (12/62)

Green: 18% (11/62)

Yellow: 2% (1/62)

Red: 0% (0/62)

Weather Forecast



source: wunderground.com

Flight Collection Plan for 09 April 2021

Flyority 1

Collection Area: Sycamore Creek (SYCA)

Flight Plan Name: D14_SYCA_A1_P1_v6L_Q780

On-station Time: 1630 UTC / 0930 L

Crew: Mitch & Ivana