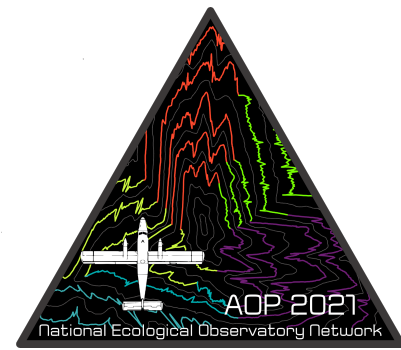




Payload 1 Daily Flight Report



Date: 2021-07-17

Flight Campaign ID: P1C2

Airport, FBO ID, City: Portland-Hillsborough Airport (KHIO) - Hillsboro, OR

Aircraft: N331AR

Domain: 16 (Pacific Northwest)

Sites Flown: None

Days left in Domain: 10

Report Author: Mitch Haynes

Lidar Operators: Mitch Haynes

Flight Hours: 00:00

Spectrometer Operators: Abe Morrison

Hours until maintenance: 101.68

Pilots: Justin Eddington, Nick Koukoutsakis

GPS Instruments: NA

Summary

First day of eligible flights here in D16. Crew mobilized to the FBO in hopes of a clear sky collect this morning, however cumulus clouds were spotting forming on the tower cameras set up at ABBY and WREF. With great atmospheric conditions forecasted for the next week, the decision was made to hold out for a better collect day.

Concerns

None

Comments

Mercury lamp collect was conducted in the hangar.

Cumulative Domain Coverage

D16|ABBY (Abby Road)

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																

Flown: 0% (0/44)

Green: 0% (0/44)

Yellow: 0% (0/44)

Red: 0% (0/44)

D16|MCRA (McRae Creek)

1	2	3	4	5	6	7	8	9
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Flown: 0% (0/9)

Green: 0% (0/9)

Yellow: 0% (0/9)

Red: 0% (0/9)

D16|N16A (D16 Nominal Runway)

1

Flown: 0% (0/1)

Green: 0% (0/1)

Yellow: 0% (0/1)

Red: 0% (0/1)

D16|WREF_P1 (Wind River Experimental Forest 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	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57			

Flown: 0% (0/57)
 Green: 0% (0/57)
 Yellow: 0% (0/57)
 Red: 0% (0/57)

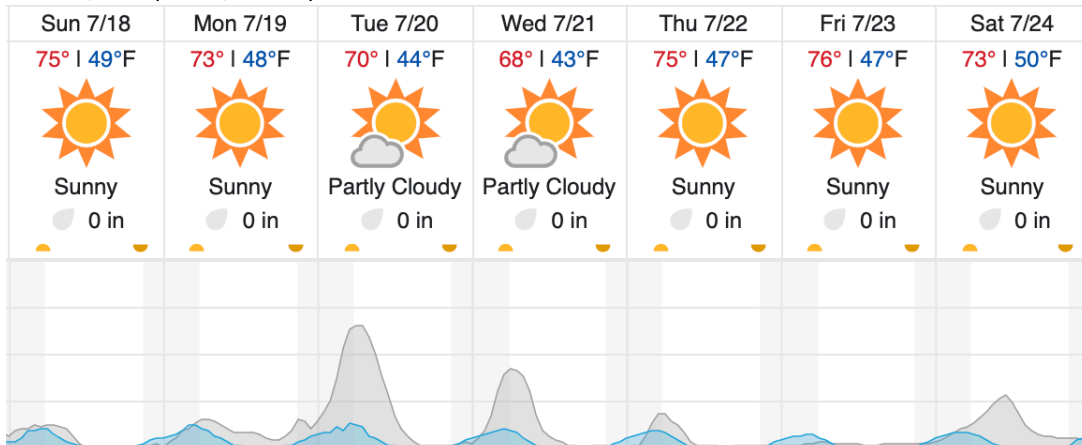
D16|WREF_P2 (Wind River Experimental Forest Priority 2)

58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77
78	79	80	81	82															

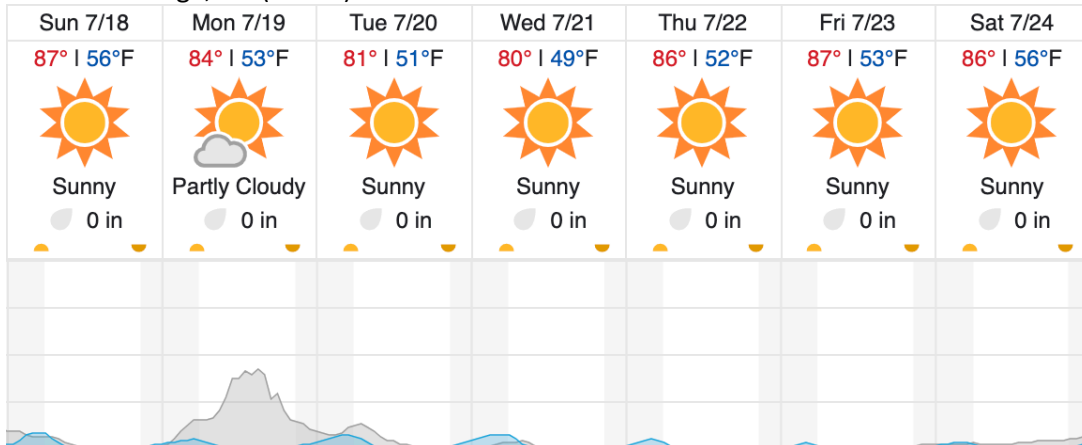
Flown: 0% (0/25)
 Green: 0% (0/25)
 Yellow: 0% (0/25)
 Red: 0% (0/25)

Weather Forecast

Carson, WA (ABBY, WREF)



McKenzie Bridge, OR (MCRA)



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

Flight Collection Plan for July 18 2021

Flyority 1

Collection Area: Wind River Experimental Forest (WREF) - Priority 1 Flight Box

Flight Plan Name: D16_WREF_C1_P1_P2_v3_PRM.xml

On-Station Time: 1640 UTC/ 0940 L

Flyority 2

Collection Area: Abby Road (ABBY)

Flight Plan Name: D16_ABBY_R1_P1_v2_PRM.xml

On-Station Time: 1650 UTC/ 0950 L

Flyority 3

Collection Area: Wind River Experimental Forest (WREF) - Priority 2 Flight Box

Flight Plan Name: D16_WREF_C1_P1_P2_v3_PRM.xml

On-Station Time: 1640 UTC/ 0940 L

Flyority 4

Collection Area: McRae Creek (MCRA)

Flight Plan Name: D16_MCRA_A2_P1_v2_PRM.xml

On-Station Time: 1640 UTC/ 0940 L

Crew: Abe, Mitch