



Payload 1 Daily Flight Report



Date: 2022-07-13

Flight Campaign ID: P1C1

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

Aircraft: N331AR

Domain: 16 (Pacific Northwest)

Sites Flown: ABBY (Abby Road), WREF_P1 (Wind River Experimental Forest Priority 1)

Days left in Domain: 2

Report Author: Mike

Lidar Operators: Mike

Flight Hours: 00:00

Spectrometer Operators: Mitch

Hours until maintenance: 107.87

Pilots: Jeremy , Vince

GPS Instruments: None

Ground Crew: None

Summary

A strip of cirrus stayed aimed at both remaining sites today. Forecast looks very good for tomorrow, so crew is hopeful for additional green collect conditions. No flights were conducted today.

Concerns

None

Comments

-The vacuum pump was shipped to Deadhorse today to that it is in place for the Otter's arrival on Monday.

-Abe departed D16 today. Thanks for the hard work Abe!

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: 100% (44/44)

Green: 100% (44/44)

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: 100% (1/1)

Green: 0% (0/1)

Yellow: 0% (0/1)

Red: 100% (1/1)

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: 68% (39/57)
Green: 68% (39/57)
Yellow: 0% (0/57)
Red: 0% (0/57)

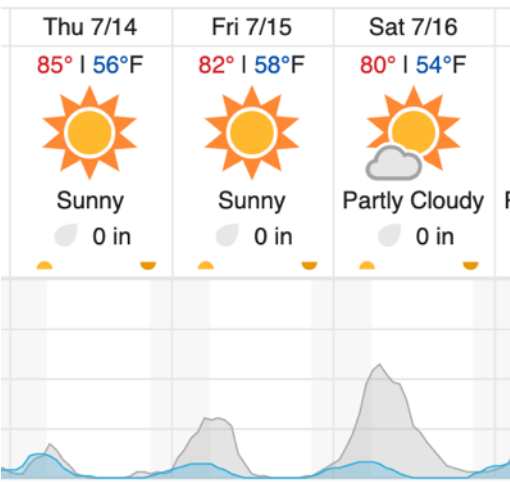
D16|WREF_P2 (Wind River Experimental Forest Priority 2)

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

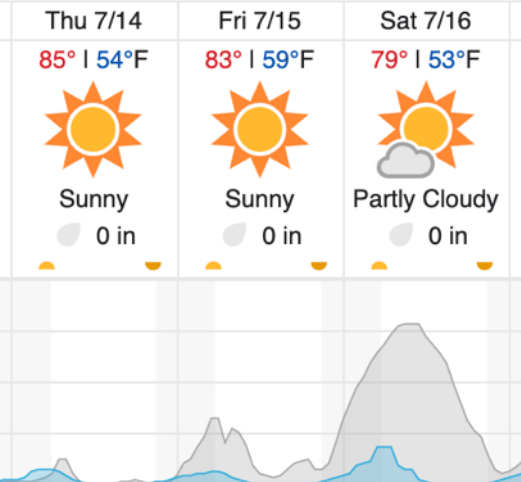
Flown: 52% (11/21)
Green: 0% (0/21)
Yellow: 33% (7/21)
Red: 19% (4/21)

Weather Forecast

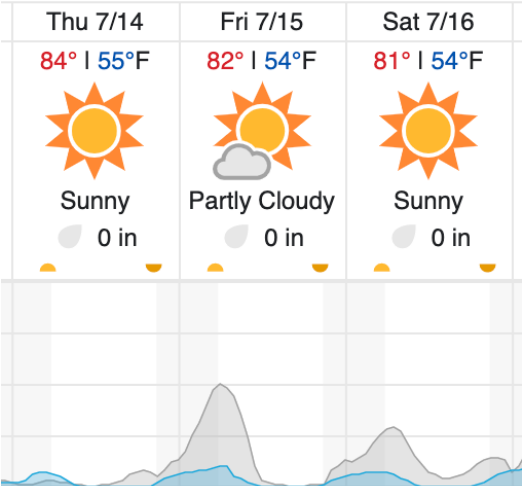
Hillsboro, OR



Carson, WA (WREF)



McKenzie Bridge, OR (MCRA)



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

Flight Collection Plan for July 14, 2022

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: McRae Creek (MCRA)

Flight Plan Name: D16_MCRA_A2_P1_v2_PRM.xml

On-station Time: 1640 UTC / 0940 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

Crew: Mitch (Lidar), Mike (NIS)