



Payload 1 Daily Flight Report



Date: 2022-07-09

Flight Campaign ID: P1C1

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

Aircraft: N331AR

Domain: 16 (Pacific Northwest)

Sites Flown: None

Days left in Domain: 6

Report Author: Mike

Lidar Operators: Mike

Flight Hours: 00:00

Spectrometer Operators: Abe

Hours until maintenance: 121.25

Pilots: Nick, Robbie

Summary

Various layers of clouds hung around today and no flights were performed. The crew is hoping the good forecast will come to fruition in the upcoming days.

Concerns

None

Comments

None

Daily Coverage

Estimated Cloud Cover Key

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

Flight Screenshots: None

Pictures: None

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)

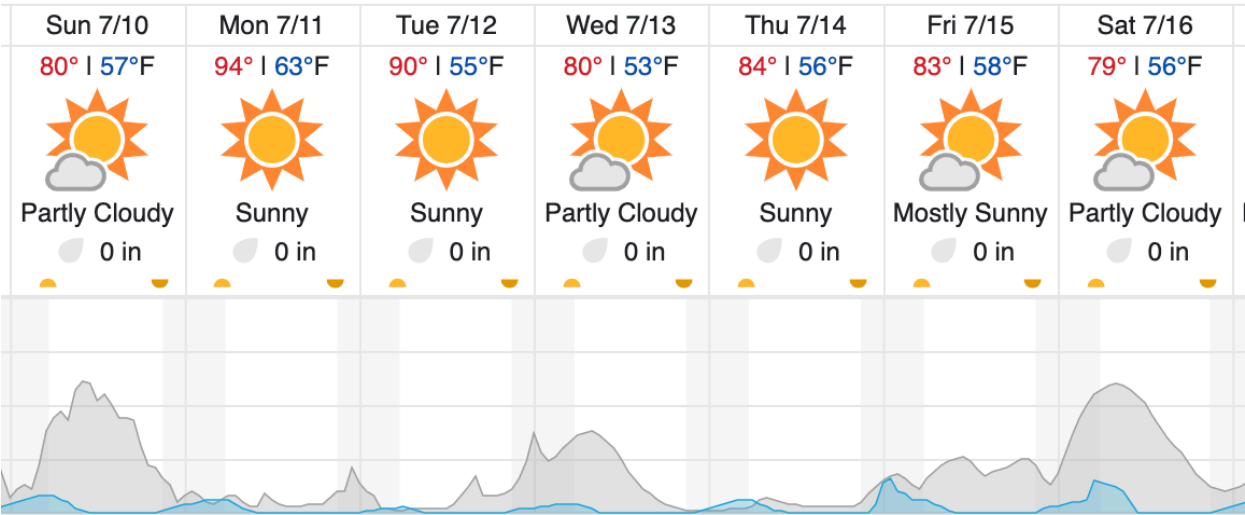
D16|WREF_P2 (Wind River Experimental Forest Priority 2)

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

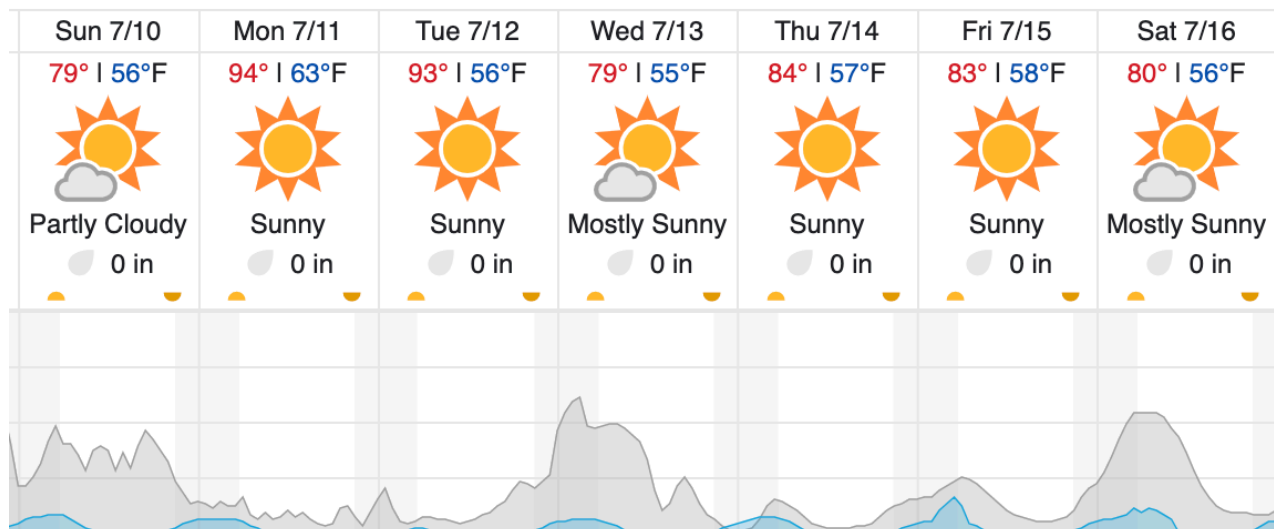
Flown: 0% (0/21)
Green: 0% (0/21)
Yellow: 0% (0/21)
Red: 0% (0/21)

Weather Forecast

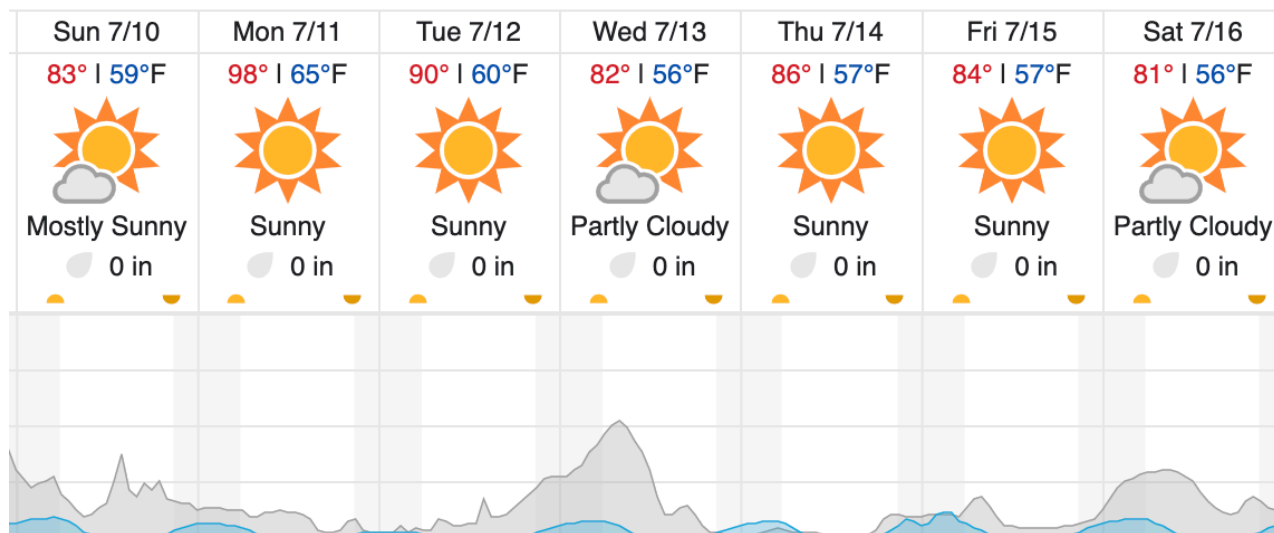
Hillsboro, OR (FBO)



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 10, 2022

Flyority 1

Collection Area: Abby Road (ABBY)

Flight Plan Name: D16_ABBY_R2_P1_v2_PRM.xml

On-station Time: 1640 UTC / 0940 L

Flyority 2

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 3

Collection Area: McRae Creek (MCRA)

Flight Plan Name: D16_MCRA_A2_P1_v2_PRM.xml

On-station Time: 1640 UTC / 0940 L

Flyority 4

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 5

Collection Area: Nominal Runway – D16

Flight Plan Name: D16_N16A_Nominal_Runway_Test_v2_PRM.xml

On-station Time: N/A

Crew: Abe (Lidar), Mike (NIS)