



Payload 1 Daily Flight Report



Date: 2022-07-08

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: 7

Report Author: Cameron

Lidar Operators: Cameron

Flight Hours: 00:00

Spectrometer Operators: Mike **Hours until maintenance:** 121.25

Pilots: Nick , Robbie

Ground Crew: Abe

Summary

Morning clouds slowly began to dissipate in the early afternoon however the clouds began to build again preventing any chance of data collection.

Concerns

- It was determined that our GPU has a failed component inside. A replacement will be sent to D16. This issue doesn't impact data collection.

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)

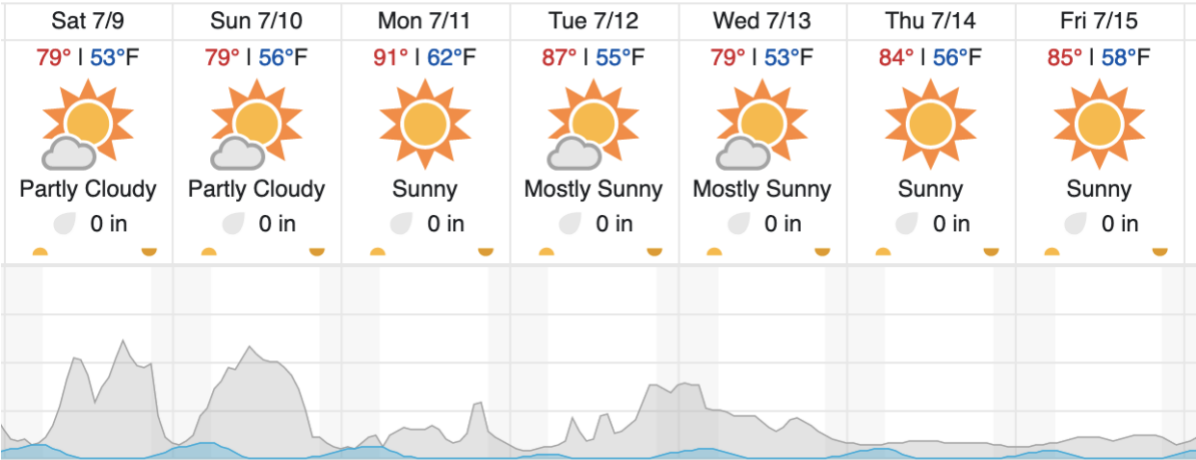
D16|WREF_P2 (Wind River Experimental Forest Priority 2)

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

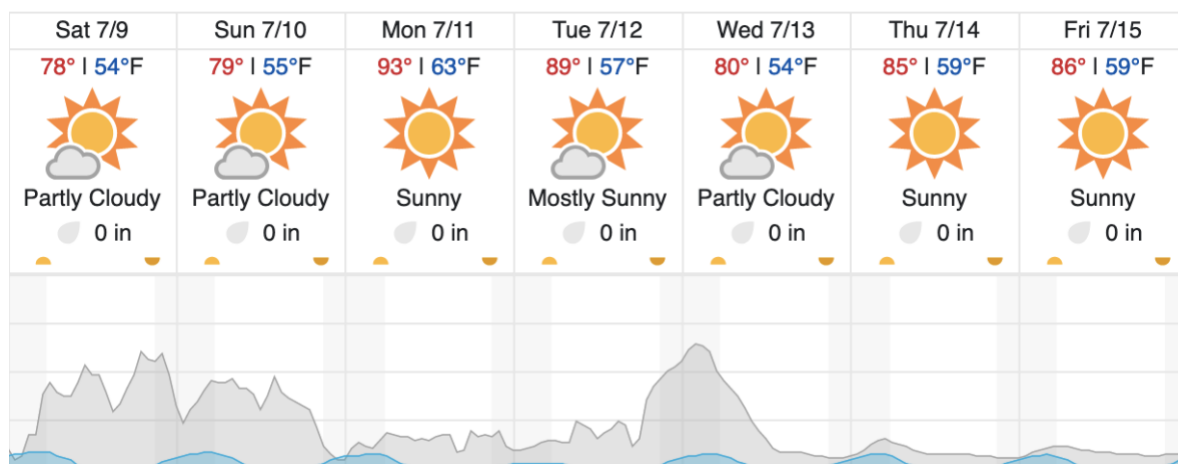
Flown: 0% (0/21)
Green: 0% (0/21)
Yellow: 0% (0/21)
Red: 0% (0/21)

Weather Forecast

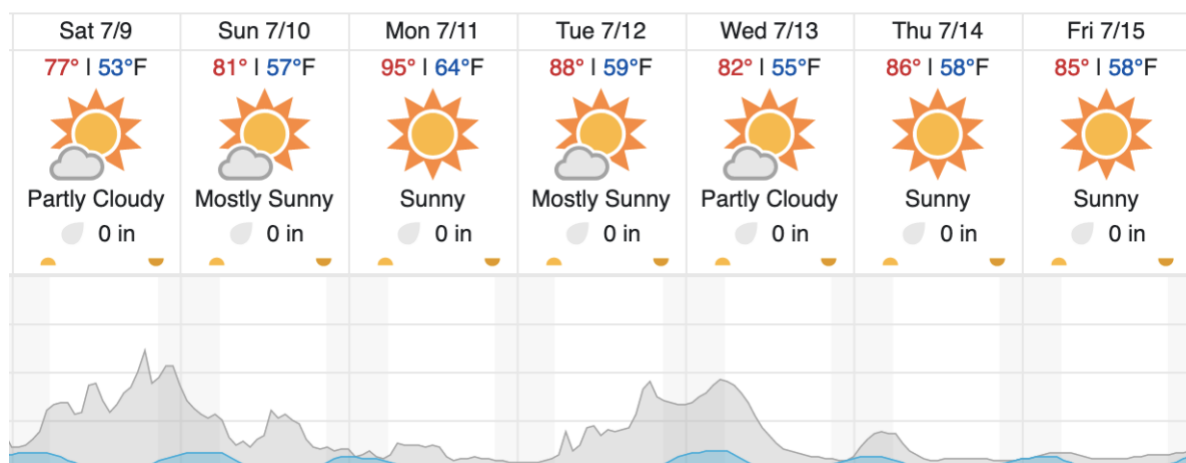
Hillsboro, OR (FBO)



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 9, 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: Mike (Lidar), Abe (NIS)