



# Payload 1 Daily Flight Report



**Date:** 2022-07-06  
**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:** 9

**Report Author:** Cameron  
**Lidar Operators:** Cameron      **Flight Hours:** 00:00  
**Spectrometer Operators:** Michael      **Hours until maintenance:** 121.25  
**Pilots:** Justin , Robbie

### Summary

Overcast skies and intermittent rain showers persisted much of the day. No flights were conducted.

### Concerns

- None

### Comments

- Crew will conduct a test of the Non-ECS with the Lab tomorrow morning.

### 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
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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)

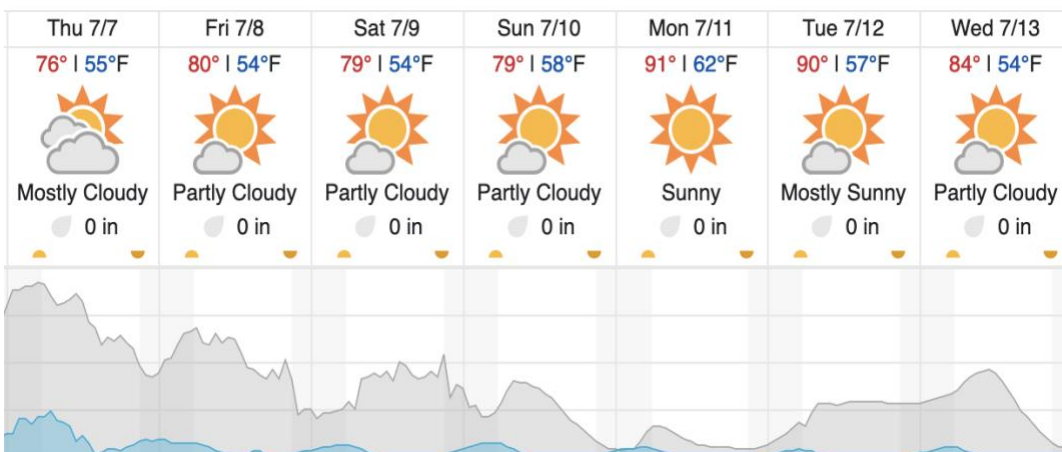
### D16|WREF\_P2 (Wind River Experimental Forest Priority 2)

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

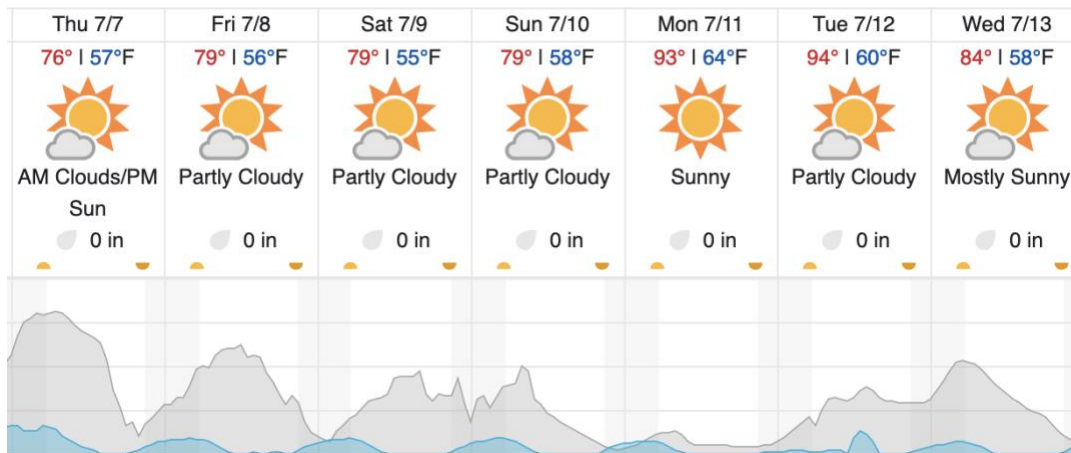
Flown: 0% (0/21)  
 Green: 0% (0/21)  
 Yellow: 0% (0/21)  
 Red: 0% (0/21)

## Weather Forecast

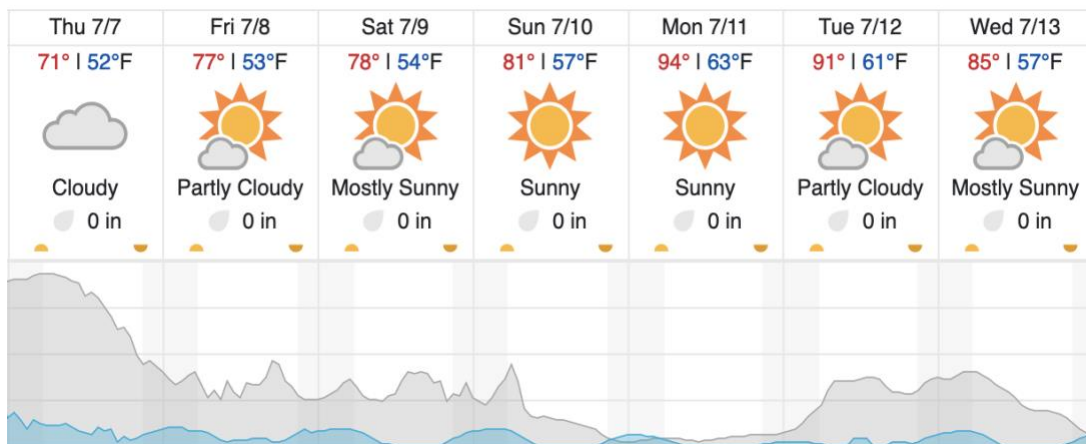
### Hillsboro, OR (FBO)



## Carson, WA (ABBY, WREF)



## McKenzie Bridge, OR (MCRA)



source: wunderground.com

## Flight Collection Plan for July 7, 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: Cam (Lidar), Mike (NIS)

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