



## Payload 1 Daily Flight Report



**Date:** 2022-07-05

**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:** 10

**Report Author:** Mike

**Lidar Operators:** Mike

**Flight Hours:** 00:00

**Spectrometer Operators:** Cameron

**Hours until maintenance:** 121.25

**Pilots:** Robbie, Justin

### **Summary**

Clouds and spotty rain occurred throughout the area today. No flights were conducted.

### **Concerns**

None

### **Comments**

-The ABBY tower camera was set up today and WREF should be up later this week. Thank you D16 tower crew!

-Congrats Tristan!!

### **Pictures**



D16 tower crewman inspecting their work on the ABBY camera. Mike happened to check the camera seconds after becoming live. These cameras are extremely invaluable to the AOP missions and highlight the team effort required for success.

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			

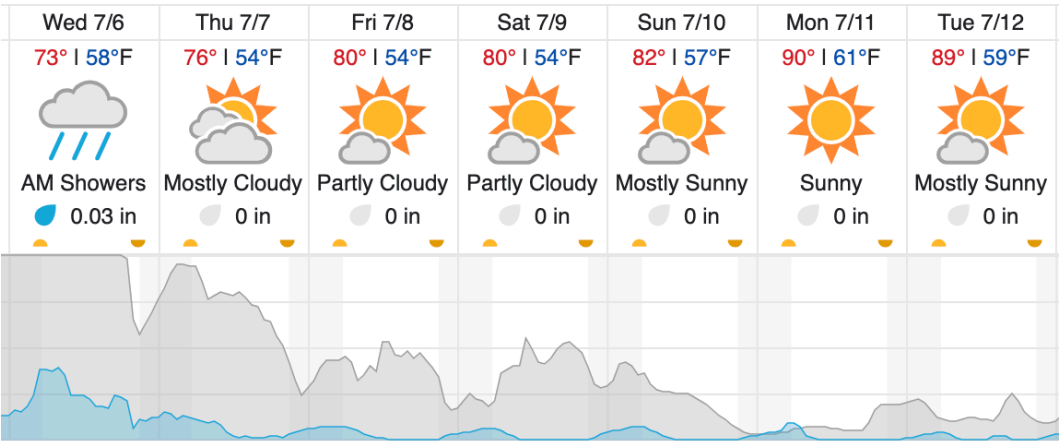
Flown: 0% (0/57)  
Green: 0% (0/57)  
Yellow: 0% (0/57)  
Red: 0% (0/57)

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

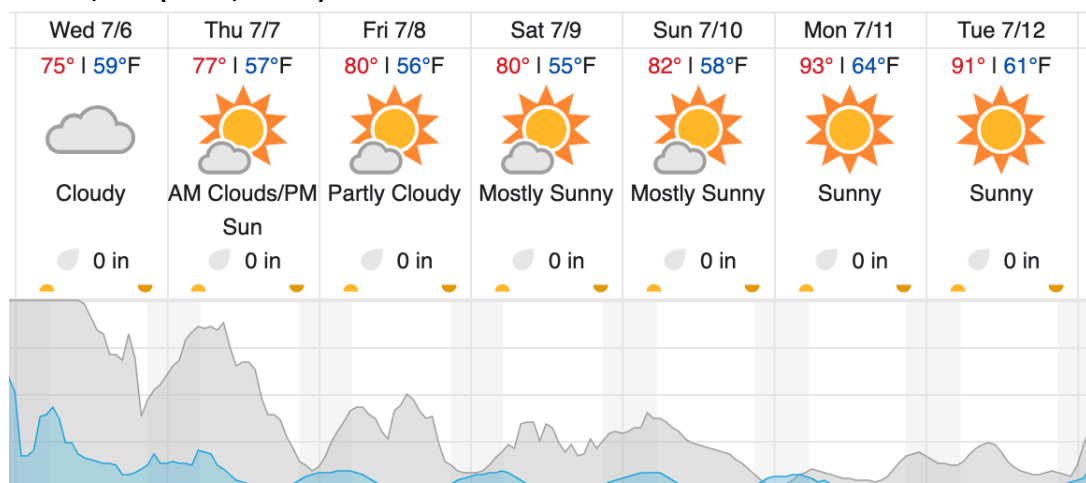
58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77
78																			

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

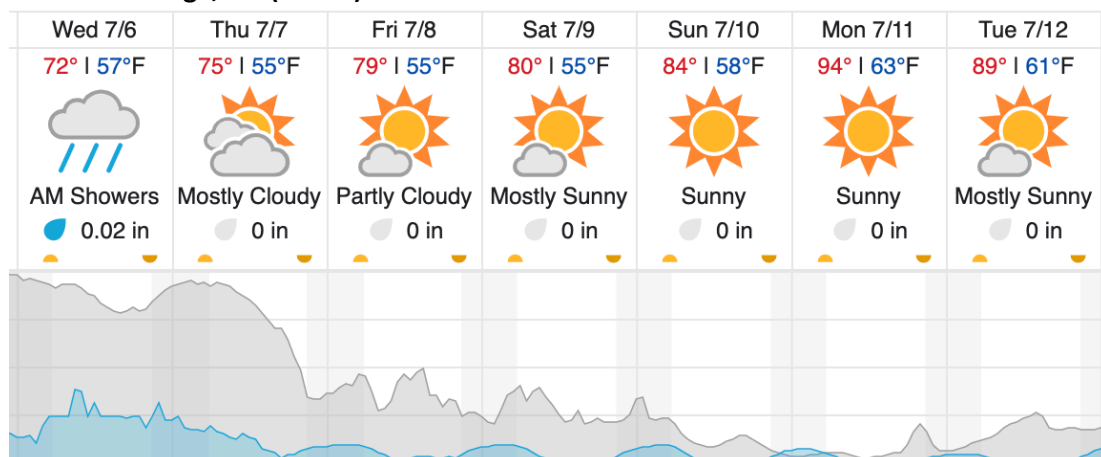
Hillsboro, OR (FBO)



## Carson, WA (ABBY, WREF)



## McKenzie Bridge, OR (MCRA)



source: wunderground.com

## Flight Collection Plan for July 6, 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)