



## July 15, 2018 Payload 3 Daily Flight Report



**Date:** 2018-07-15

**Flight Campaign ID:** 2018\_P3C1

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

**Domain:** 16

**Sites Flown:** ABBY (Abby Road ), MCRA (McRae Creek)

**Days left in Domain:** 10

**Report Author:** Heather Rogers

**Flight Crew:** Heather Rogers, Abe Morrison

**Ground/GPS:** Cameron Chapman

**Pilots:** Gina Moore, Grant Frost

**Additional Personnel:**

**GPS Instruments:** 08 - FBO\_KHIO, 10 - ABBY, U-P385

**Flight Hours:** 00:45

**Hours until maintenance:** 45.92

### **Summary**

The crew took off today hoping for clear skies, but were met with non-green conditions upon arrival at ABBY. The forecast showed cloudy conditions over MCRA.

### **Concerns**

The pressure gauge on the NIS 3 chamber is incorrect.

HotelKit did not run QA on 2018071215\_P3C1

### **Comments**

Grant Frost arrived to replace pilot Mike Francis.

Robb Walker arrives tomorrow to replace Heather Rogers.

### **Pictures**



View of cirrus clouds over the ABBY site. Mt. St. Helens front and center.

### Cumulative Domain Coverage

#### ABBY

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: 89% (39/44)

Green: 91% (40/44)

Yellow: 0% (0/44)

Red: 0% (0/44)

#### WREF\_P1

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: 100% (57/57)

Green: 105% (60/57)

Yellow: 0% (0/57)

Red: 0% (0/57)

#### WREF\_P2

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															

Flown: 100% (25/25)

Green: 100% (25/25)

Yellow: 0% (0/25)  
Red: 0% (0/25)

### MCRA

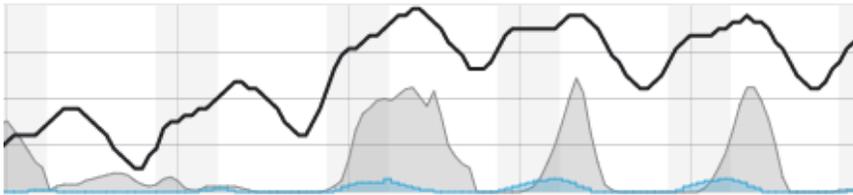
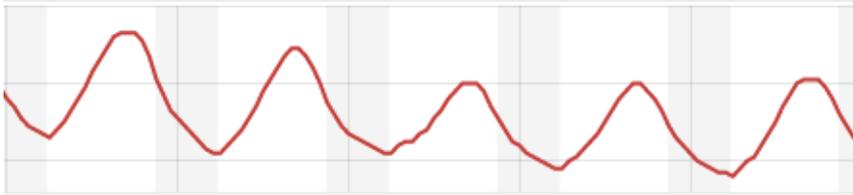
1	2	3	4	5	6	7	8	9
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Flown: 0% (0/9)  
Green: 0% (0/9)  
Yellow: 0% (0/9)  
Red: 0% (0/9)

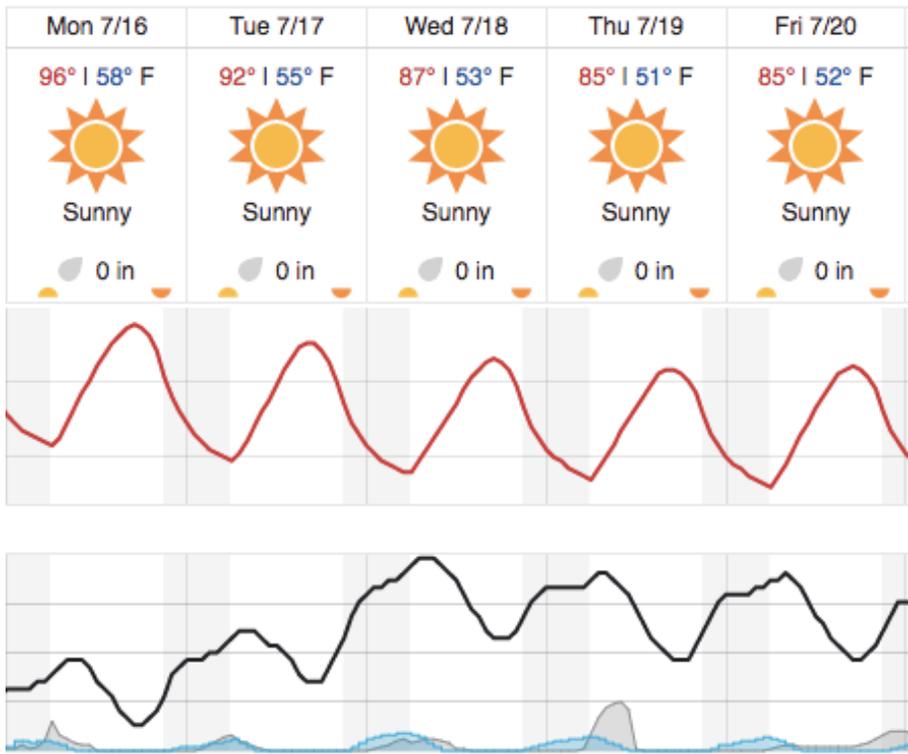
### Weather Forecast

Vancouver, WA

Mon 7/16	Tue 7/17	Wed 7/18	Thu 7/19	Fri 7/20
95°   61° F	91°   61° F	82°   57° F	81°   55° F	83°   57° F
 Sunny	 Sunny	 Mostly Sunny	 Partly Cloudy	 Partly Cloudy
0 in	0 in	0 in	0 in	0 in



Eugene, OR



### Flight Collection Plan for 16 July 2018

#### Flyority 1: Lines 1-7 only

Collection Area: Abby Road (ABBY)

Flight Plan Name: D16\_ABBY\_R1\_P1\_v2\_Q780

On-station Time: 1640 UTC / 0940 L

#### Flyority 2:

Collection Area: McRae Creek (MCRA)

Flight Plan Name: D16\_MCRA\_backgnd, Klamath\_Falls\_SEC\_98\_MCRA

On-station Time: 1640 UTC / 0940L

**Crew:** Abe Morrison (Lidar), Heather Rogers (NIS), Cameron Chapman (Ground)