



2017 P2C1 Daily Report



Flight Campaign ID: 2017_P2C1

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

Domain: 16

Sites Flown: WREF

Days left in Domain: 03

Flight Hours: 04:02

Hours until maintenance: 68.22

Date: 2017-06-19

Report Author: David Gambino

Pilots: Kyler Dalton, Stephen Brawder

Flight Crew: David Gambino, Mitch Haynes

Ground/GPS: Nick Marusich

Additional Personnel:

GPS Instruments:

04 - KHIO, 10 - WREF, UNAVCO - P429

Summary:

Crew surveyed lines 31-57 of WREF_P1. We planned on flying again after refueling, but the pilots discovered a bent flap and were instructed by TOIL to ground the aircraft. A TOIL maintenance representative is en route to D16 and the aircraft may be ready for flight as early as tomorrow.

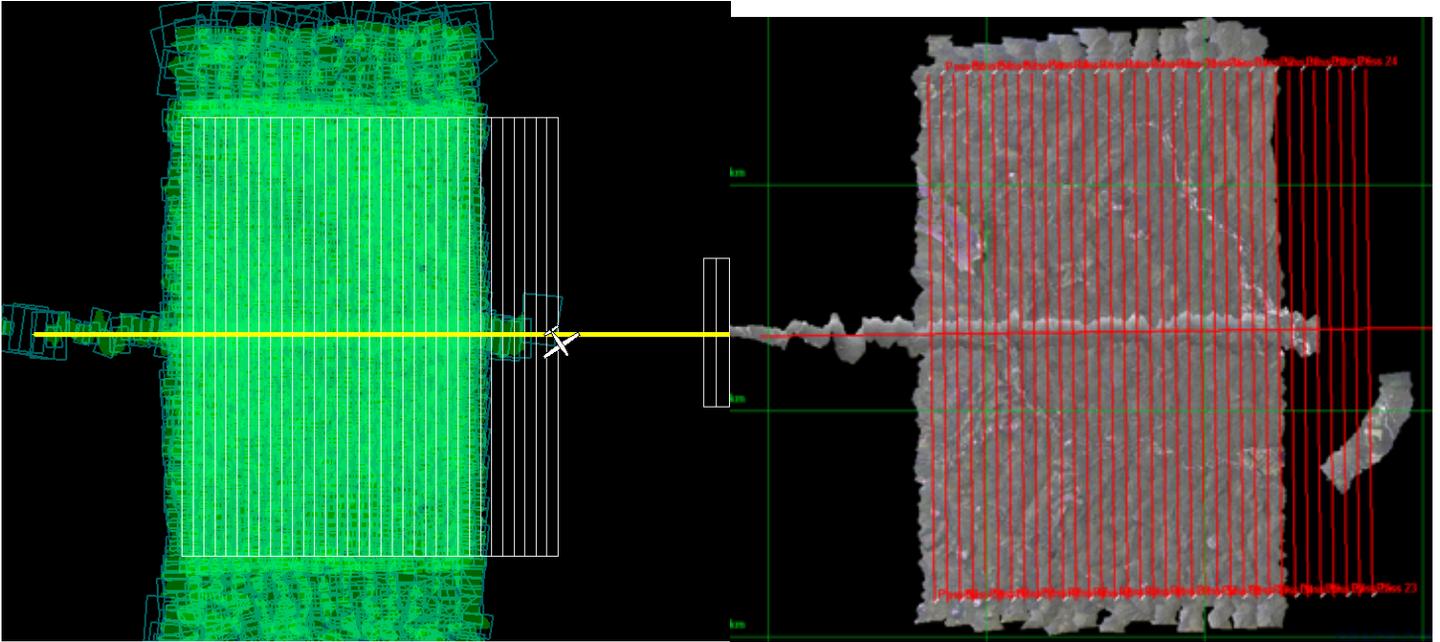
Issues/Concerns:

- Bent aircraft flap. Help is on the way.

Comments:

- Completed lines 31-39 (airshed) of WREF under green conditions
- Completed lines 1; 40-57 of WREF under yellow conditions

NIS/Lidar Screenshot

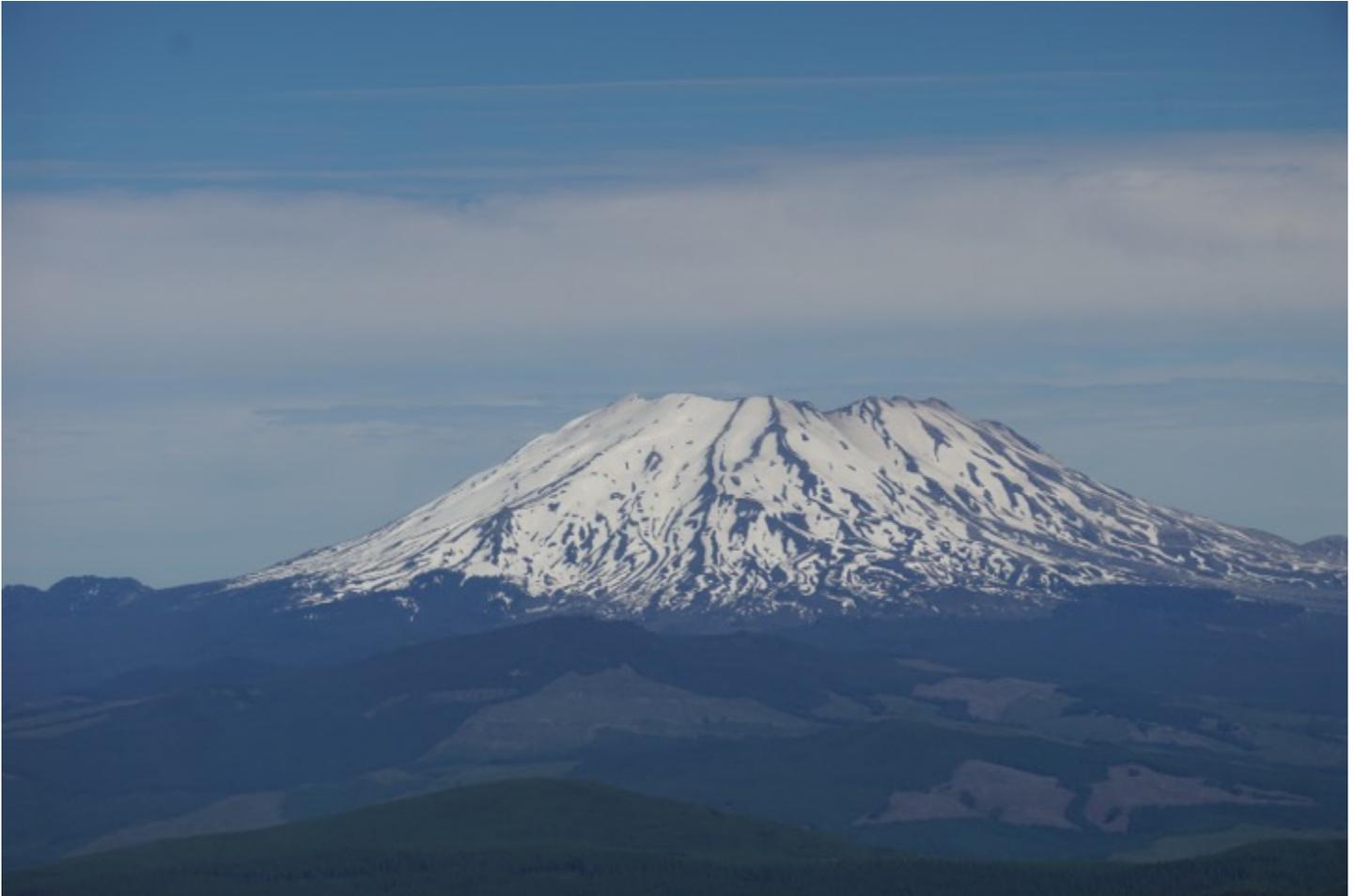


Domain Coverage

D16 WREF	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1							NLC
	31							NLC
	32							NLC
	33							NLC
	34							NLC
	35							NLC
	36							NLC
	37							NLC
	38							NLC
	39							NLC
	40							NLC
	41							NLC
	42							NLC
	43							NLC
	44							NLC
	45							NLC
	46							NLC
	47							NLC
	48							NLC
	49							NLC
	50							NLC
	51							NLC
	52							NLC
	53							NLC
	54							NLC
	55							NLC

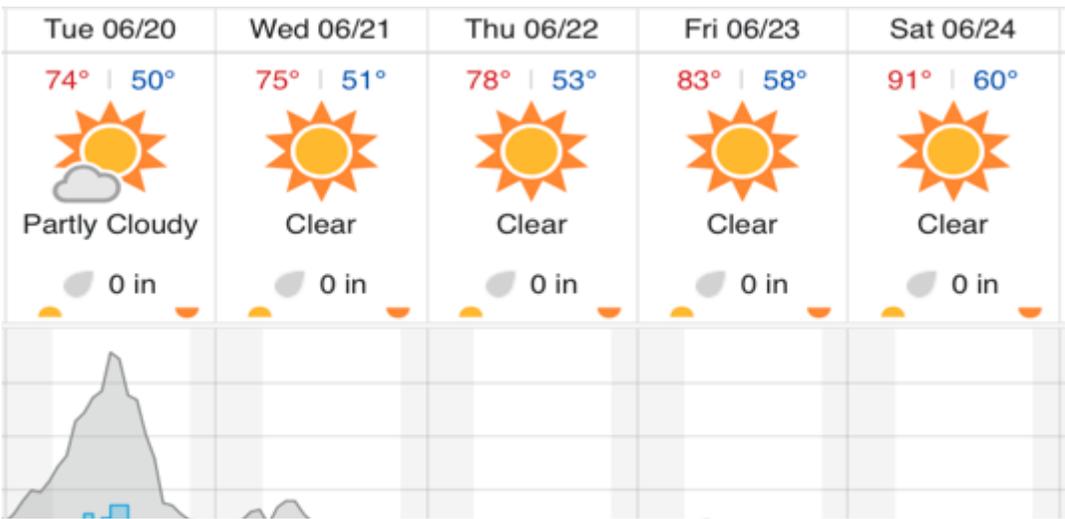
	56							NLC
	57							NLC
Completed:	(9/28)							15.79%

Pictures:



Above: Mt St Helens

Weather Forecast



☐ Cloud Cover (%) ☐ Chance of Precip. (%)

Flight collection Plan for 20 June 2017:

Flyority 1

Collection Area: Wind River Experimental Forest (WREF) – Priority 1 Flight Box
(lines 2-30 and 40-57 if green, 2-30 if not green)

Flight Plan Name: D16_WREF_C1_P1_v2.pln

On Station: 0930 L / 1630 UTC

Flyority 2

Collection Area: Abbey Road (ABBY), lines 2-17 & 43-44

Flight Plan Name: D16_ABBY_R2_P1_v2.pln

On Station: 0930 L / 1630 UTC

Flyority 3

Collection Area: Wind River Experimental Forest (WREF) – Priority 2 Flight Box

Flight Plan Name: D16_WREF_C1_P2_v2.pln

On Station: 0930 L / 1630 UTC

Crew

Lidar: Mitch Haynes

NIS: David Gambino

Ground / GPS: Nick Marusich

Flight Collection Plan for 21 June 2017:

Flyority 1

Collection Area: Wind River Experimental Forest (WREF) – Priority 1 Flight Box

Flyority 2

Collection Area: Abbey Road (ABBY), lines 2-17 & 43-44

Flyority 3

Collection Area: Wind River Experimental Forest (WREF) – Priority 2 Flight Box

Crew

Lidar: David Gambino

NIS: Mitch Haynes

Ground / GPS: Nick Marusich