

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> High Cascades Complex West OR-RSF-000636 (includes Broken Lookout and Pup)	<b>IR Interpreter(s):</b> Maximillian Wahlberg <a href="mailto:mwahlberg@fs.fed.us">mwahlberg@fs.fed.us</a>	<b>Local Dispatch Phone:</b> Rouge Valley Interagency Dispatch (541-618-2510)	<b>Interpreted Size:</b> Complex total: 27,373 Broken Lookout: 19,142 Pup: 8,230 <b>*Growth last period:</b> Broken Lookout: +28 acres Pup: +20 acres
<b>Flight Time:</b> 2309 PDT  <b>Flight Date:</b> 9/26/2017	<b>Interpreter(s) location:</b> Portland, OR  <b>Interpreter(s) Phone:</b> 928-273-0779	<b>GACC IR Liaison:</b> Jim Grace  <b>GACC IR Liaison Phone:</b> 541-771-4521	<b>National Coordinator:</b> Tom Mellin  <b>National Coord. Phone:</b> 208-387-5900
<b>Ordered By:</b> Jason Hutchinson (509-557-5009)	<b>A Number:</b> A-146	<b>Aircraft/Scanner System:</b> N144z / Phoenix	<b>Pilots/Techs:</b> <b>N144Z Flight Crew</b> Pilot: Don Boyce Pilot: Dan Johnson Tech: Jill Kuenzi
<b>IRIN Comments on imagery:</b> Complex contains two boxes, each had one strip of imagery. With only one strip per box, both fires had latticing on the north and south ends making accurate interpretation in these areas difficult. For the next flight I will request two passes, time permitting to better capture the full scan boxes.		<b>Weather at time of flight:</b> Clear	<b>Flight Objective:</b> Map heat perimeter, intense heat, scattered heat, and isolated heat
<b>Date and Time Imagery Received by Interpreter:</b> 9/26/2017 @ 2330 PDT		<b>Type of media for final product:</b> Shapefiles, PDF Map, KMZ, IR Daily Log	
<b>Date and Time Products Delivered to Incident:</b> 9/27/2017 @ 0400 PDT		<b>Digital files sent to:</b> NIFC FTP: <a href="http://ftp.nifc.gov/incident_specific_data/pacific_nw/2017_Incidents_Oregon/2017_BlanketCreek_OR-RSF-000371/IR/20170927/">http://ftp.nifc.gov/incident_specific_data/pacific_nw/2017_Incidents_Oregon/2017_BlanketCreek_OR-RSF-000371/IR/20170927/</a>	

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### Comments /notes on tonight's mission and this interpretation:

\*Reported growth is based on growth since the 9/25 incident perimeter based on gps flight.

**NOTE: An isolated heat source was located northeast of the 500 road on the Pup fire. This spot is located 2/10 mile outside the main perimeter at 43° 3' 36.64" N 122° 25' 0.83" W.**

Tonight's mapping used the incident provided perimeter from 9/25 as a starting point for developing the heat perimeter. The 9/25 perimeter was based on a GPS flight and showed some areas of perimeter generalization, however heat signatures in these areas were not contiguous to pull back the perimeter. As a result, only additions to the perimeter were made tonight.

The scan cut off a small portion of the Pup fire on the eastern most edge. This area is denoted as "no data" on maps and products.

The complex consists of two fires, the Broken Lookout and the Pup.

**Broken Lookout:** The only perimeter growth was mapped in the Donegan Creek and Squaw Creek drainages. No intense heat or scattered heat was mapped but isolated heat sources were found throughout the fire area.

**Pup:** Perimeter growth was primarily limited to the area north of Highrock Mountain on the fire's western edge. One isolated heat source was mapped outside the main perimeter in the northeast corner of the fire above the 500 road between Log Creek and Lewis Canyon Spring. This location was labeled on the PDF map with gps coordinates. A small portion of the southeast corner of the fire was not mapped as the scan cut out in this area (labeled "no data" on maps and products). No intense or scattered heat was mapped. Numerous isolated heat sources were mapped throughout the fire area.