

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Nakia Creek WA-PCS-000220	<b>IR Interpreter(s):</b> Elise Bowne elise.bowne@usda.gov	<b>Local Dispatch Phone:</b> Pacific Cascade 360-575-5089	<b>Interpreted Size:</b> 1918 acres <b>Growth last period:</b> 49 acres
<b>Flight Time:</b> 1917 PDT <b>Flight Date:</b> 10/19/2022	<b>Interpreter(s) location:</b> Denver, CO <b>Interpreter(s) Phone:</b> (cell/text) 303-517-7510	<b>GACC IR Liaison:</b> James Grace <b>GACC IR Liaison Phone:</b> 541-771-4521	<b>National Coordinator:</b> Tom Mellin <b>National Coord. Phone:</b> 505-842-3845
<b>Ordered By:</b> Chase Duncan - SITL 541-419-0063	<b>A Number:</b> A-71	<b>Aircraft/Scanner System:</b> N350-FV/Tenax TK9	<b>Tech:</b> Wren
<b>IRIN Comments on imagery:</b> Clear imagery, and georeferencing was not great, individual frames in the imagery not aligned..		<b>Weather at time of flight:</b> Clear	<b>Flight Objective:</b> Heat Perimeter Detection / Categorizing Heat Intensity
<b>Date and Time Imagery Received by Interpreter:</b> 10/20/2022 0145 PDT		<b>Type of media for final product:</b> Shapefiles, geodatabase, KMZ, IR Log, pdf Maps	
<b>Date and Time Products Delivered to Incident:</b> 10/20/2022 at 0315 PDT IR data uploaded to NIFS FTP uploads 0340 PDT		<b>Digital files sent to:</b> NIFS and Wildfire.ftp <a href="https://ftp.wildfire.gov/public/incident_specific_data/pacific_nw/2022_Incidents_Washington/2022_NakiaCreek_WA-PCS-0220/IR/20221020">https://ftp.wildfire.gov/public/incident_specific_data/pacific_nw/2022_Incidents_Washington/2022_NakiaCreek_WA-PCS-0220/IR/20221020</a>	
<b>Comments /notes on tonight's mission and this interpretation:</b> <p>The interpretation was based on last night's IR heat perimeter, then pulled in the GPS lines from the NIFS. There were numerous places where the heat had grown past the lines that had been collected via GPS, so not all of those are represented in the data.</p> <p>The isolated area of heat to the NW in the Cedar Creek drainage (south and uphill of the Larch Corrections Center) showed no growth tonight and only scattered and isolated heat.</p> <p>To the SE, the isolated area of heat along the ridgeline west of Larch Mountain grew again mainly to the east. There was a small area of intense heat that moved downhill toward the main perimeter.</p> <p>For the main heat perimeter, the majority of the heat perimeter increase was on the north side of the perimeter, moving uphill in areas. One of the larger areas of growth on the incident at flight time tonight was the area of below the knob to the south of Larch Mountain where the heat appeared to be backing down the slope. The rest of the fire showed only scattered heat, with the far eastern portion, where the fire started now showing only isolated heat sources. The area above Creswell Heights appears to have cooled a bit more since the last IR flight.</p> <p>Questions/Comments/Suggestions? Please use the contact info above to contact the interpreter.</p>			