

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Bolt Creek WA-NWS-000150	<b>IR Interpreter(s):</b> Elise Bowne elise.bowne@usda.gov	<b>Local Dispatch Phone:</b> NWCC 503-808-2720 360-854-2878	<b>Interpreted Size:</b> 15,748 acres <b>Growth last period:</b> 245 acres
<b>Flight Time:</b> 1956 PDT  <b>Flight Date:</b> 10/11/2022	<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> David Winter 509-301-2631	<b>A Number:</b> A-63	<b>Aircraft/Scanner System:</b> N350-FV/Tenax TK9	<b>Tech:</b> Wren
<b>IRIN Comments on imagery:</b> Clear, but needed a fair amount of georeferencing in areas.		<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> 10/11/2022 2323 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> Data 10/12/2022 at 0326 PDT IR NIFS FTP uploads 0400 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_Bolt_WA-NWS-000150/IR/20221012">https://ftp.wildfire.gov/public/incident_specific_data/pacific_nw/2022_Incidents_Washington/2022_Bolt_WA-NWS-000150/IR/20221012</a>	
<b>Comments / notes on tonight's mission and this interpretation:</b>  Began interpretation with the previous IR heat perimeter since the updated event polygon appeared to match the previous IR heat perimeter.  Perimeter growth continues to occur in the NW and NE corners of the fire. There were also some small areas of perimeter growth along the southern and southeastern portions of the heat perimeter. On the NW, intense heat and perimeter growth was detected reaching but not exceeding the management action point furthest to the north (the MAP that reaches from Heybrook Ridge, section 23, to the forest boundary and road on the topo map. Intense heat and heat perimeter growth was noted just to the NW of Skykomish, on the east/north side of the highway. There were a couple of possible heat sources and isolated heat sources to the outside of the perimeter toward Highway 2, but due to the early flight time, these may have been vehicles. One possible heat source was marked in Baring, between the highway and the river. It was heat, but it is coincident with a structure, so it is unknown if it is of any significance.  On the NE part of the incident, small areas of intense heat and perimeter growth were mapped east and west of Eagle Rock. The remainder of the interior continues to have large pockets of scattered heat. Isolated heat is also scattered throughout. Not all heat was marked in the interior of the incident, but all the edges were mapped carefully.  Although the interpreter searched for a Murphy Lake fire, and any lake called Murphy Lake, nothing was found. All heat on the imagery was mapped and the entire box was flown.  Questions, comments, suggestions? Please contact the interpreter with the contact information above.			

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