

## 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> 14,766 acres <b>Growth last period:</b> 52 acres
<b>Flight Time:</b> 1935 PDT  <b>Flight Date:</b> 10/18/2022	<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-75	<b>Aircraft/Scanner System:</b> N350-FV/Tenax TK9	<b>Tech:</b> Wren
<b>IRIN Comments on imagery:</b> Two passes, needed a fair amount of georeferencing in areas, very challenging tonight.		<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> 10/19/2022 0200 PDT		<b>Type of media for final product:</b> Shapefiles, geodatabase, KMZ, IR Log, pdf Maps	
<b>Date and Tim Products Delivered to Incident:</b> 10/19/2022 at 0530 PDT IR data uploaded to NIFS FTP uploads 0550 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/20221019">https://ftp.wildfire.gov/public/incident_specific_data/pacific_nw/2022_Incidents_Washington/2022 Bolt WA-NWS-000150/IR/20221019</a>	
<b>Comments / notes on tonight's mission and this interpretation:</b> <p>Began the interpretation with the IR heat perimeter downloaded from NIFS at approximately 0220 PDT on 10/19/2022, which matched the wildland fire perimeter.</p> <p>Perimeter growth continues mainly along the north side of the incident.</p> <p>On the far NW of the incident, there were some small areas of intense heat and growth on both sides of Heybrook Ridge.</p> <p>On the SE side of Baring Mountain, there was a small area of intense heat that ran up to the ridgeline.</p> <p>The areas between Grotto Lake and Eagle Rock to the east have a fair amount of heat around their individual perimeters but didn't show much growth. The same is true for the unburned islands and isolated areas of heat east of Eagle Rock.</p> <p>There were a few areas on the NE of the incident where the heat perimeter expanded due to intense heat backing downslope toward Beckler River. The rest of the heat perimeter growth is due to creeping growth scattered over nearly the entire north edge of the perimeter and all the isolated islands of heat.</p> <p>Tonight a possible heat source was mapped where a heat signature was detected to the SE of the incident along the railroad tracks above Tye River east of Foss River Camp (upstream from Skykomish at 47° 42.499' x -121° 17.336'). It could have been the engine of a passing train or possibly a small fire started by the train.</p> <p>The small polygon of heat perimeter to the south of the incident that was mapped on the previous IR mission appears to be in someone's yard. This interpreter has not been including heat that is clearly associated with structures or campgrounds, but if you would like me to do so in the future, please let me know.</p> <p>Questions, comments, suggestions? Please contact the interpreter with the contact information above.</p>			