

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Green Ridge Fire OR-UMF-000659	<b>IR Interpreter(s):</b> Elise Bowne <a href="mailto:elise.bowne@usda.gov">elise.bowne@usda.gov</a>	<b>Local Dispatch Phone:</b> ORBMC (541) 963-7171	<b>Interpreted Size (acres):</b> 41,390 acres (UTM 11 NAD83 – see below) Increase: 423 acres
<b>Flight Time:</b> 2136 PDT  <b>Flight Date:</b> 9/5/2021	<b>Interpreter(s) location:</b> Denver, CO  <b>Interpreter(s) Phone:</b> 303-517-7510	<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> 505-301-8167
<b>Ordered By:</b> Stuart Coombs Phone: (936)219-9814 Email: <a href="mailto:2021.greenridge.situation@firenet.gov">2021.greenridge.situation@firenet.gov</a>	<b>A Number:</b> A-214	<b>Aircraft/Scanner System:</b> N350FV / TK9	<b>Pilots/Techs:</b> Tech: John
<b>IRIN Comments on imagery:</b> 2 E/W passes. Some georeference corrections required		<b>Weather at time of flight</b> clear	<b>Flight Objective:</b> Map heat perimeter, intense, scattered, and isolated heat
<b>Date and Time Imagery Received by Interpreter:</b> 9/5/2021 2000 PDT		<b>Type of media for final product:</b> pdf maps, IR log, KMZ, shapefiles, geodatabase, NIFS <b>Digital files sent to:</b>	
<b>Date and Time Products Delivered to Incident:</b> 9/06/2021 0115 PDT		/incident_specific_data/pacific_nw/2021_Incidents_Washington/2021_GreenRidge_OR-UMF_000659/IR/20210906	
<p><b>Comments /notes on tonight's mission and this interpretation:</b>                  Pulled perimeter from NIFS, kept data in decimal degrees, WGS84 for interpretation.</p> <p>Intense heat and heat perimeter growth detected mainly along the south edge of the incident, again tonight, Areas of scattered heat were mapped where the isolated points would have been too numerous. There are still some unburned islands that are continuing to burn and close in. Some internal pockets closing in as well. Two of the large unburned “pockets” became “unburned islands” tonight.</p> <ul style="list-style-type: none"> <li>• Starting on the SW corner, the heat perimeter was relatively quiet along the Skyline Road.</li> <li>• There was a bit more heat in the area between Little Turkey Tail and Big Turkey Tail, with a small amount of heat perimeter growth.</li> <li>• To the east, the heat perimeter continued to move up the hill below Moolack Spring, but remains inside the wilderness.</li> <li>• The section of heat perimeter to the south of West Butte and Oregon Butte was fairly quiet, with only a few very small areas of intense heat and perimeter growth.</li> <li>• Further east, the section of heat perimeter between Trout Creek and Third Creek was the most active tonight, with intense heat continuing to back down the slope to the south (and east and west). The heat is well established in the bottom of Trout Creek on the west side and may be close to crossing the creek and heading back up slope to the west towards Grizzly Bear Ridge. On the east side of this area, the heat moved back up hill and connected with another part of the fire, cutting off a large area that hasn't shown any signs that it is burned. It has been left as an unburned island (partially in the Trout Creek drainage, partly in the upper part of Third Creek.)</li> <li>• Further east, in the upper eastern part of the Third Creek drainage, intense heat has cut off yet another area that apparently hasn't burned yet, creating another unburned island. This is just west of the area with all the springs.</li> <li>• To the east, between this location and Diamond Peak, there was a fair amount of activity, with the unburned islands closing in, and with heat continuing to back down to the south off of Diamond Peak and the ridge to the west of the peak, along the trail.</li> <li>• Finally, tonight there was a bit of activity and small amount of heat perimeter growth near the end of 040 road, north of the Diamond Peak trailhead.</li> </ul> <p>One set of shapefiles were provided tonight, in UTM 11 NAD83, with the NAD83 to WGS84_5 transformation applied. This same coordinate system and transformation were used in calculating the acreage.                  Feedback is always appreciated. Please contact the interpreter with the contact info above.</p>			