

## 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> 41,867 acres Increase: 446 acres
<b>Flight Time:</b> 1942 PDT  <b>Flight Date:</b> 9/6/2021	<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-216	<b>Aircraft/Scanner System:</b> N350FV / TK9	<b>Pilots/Techs:</b> Tech: John
<b>IRIN Comments on imagery:</b> 2 E/W passes. 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> 9/6/2021 2030 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> 9/7/2021 0200 PDT		/incident_specific_data/pacific_nw/2021_Incidents_Washington/2021_GreenRidge_OR-UMF_000659/IR/20210907	
<b>Comments /notes on tonight's mission and this interpretation:</b> Pulled perimeter from NIFS, kept data in decimal degrees, WGS84 for interpretation.  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. <ul style="list-style-type: none"> <li>• Starting on the SW corner, the heat perimeter was relatively quiet along the Skyline Road.</li> <li>• Small amount of perimeter growth in Meadow Creek, and also a few small areas of intense heat and growth in the area between Little Turkey Tail and Big Turkey Tail.</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 more active tonight, with the heat backing down closer to King Creek in section 17, and another area to the east.</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, 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. Tonight the heat reached the bottom of Third Creek in several locations.</li> <li>• Further east, in the upper eastern part of the Third Creek drainage, is moving uphill toward the area with all the springs, while at the same time, the heat is backing off the ridge down into the upper part of the unnamed side tributary to Third Creek.</li> <li>• To the east, between this location and Diamond Peak, there was a fair amount of activity, with heat continuing to back down to the south off of Diamond Peak and the ridge to the west of the peak, off of 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, which appeared to have closed off another unburned island, so it was included in the heat perimeter.</li> </ul> One set of shapefiles were provided tonight, in UTM 11 NAD83, with the NAD83 to WGS84_5 transformation applied. The acreage tonight was calculated using the geodesic method, which mirrors what the GISS is using. Feedback is always appreciated. Please contact the interpreter with the contact info above.			