

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Nakia Creek WA-PCS-000220	IR Interpreter(s): Elise Bowne elise.bowne@usda.gov	Local Dispatch Phone: Pacific Cascade 360-575-5089	Interpreted Size: 160 acres Growth last period: 1 acres
Flight Time: 1921 PDT Flight Date: 10/12/2022	Interpreter(s) location: Denver, CO Interpreter(s) Phone: (cell/text) 303-517-7510	GACC IR Liaison: James Grace GACC IR Liaison Phone: 541-771-4521	National Coordinator: Tom Mellin National Coord. Phone: 505-842-3845
Ordered By: WA-PCS 360-575-5089	A Number: A-24	Aircraft/Scanner System: N350-FV/Tenax TK9	Tech: Wren
IRIN Comments on imagery: Very clear imagery, only a few issues with georeferencing.		Weather at time of flight: Clear	Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 10/12/2022 2023 PDT		Type of media for final product: Shapefiles, geodatabase, KMZ, IR Log, pdf Maps	
Date and Time Products Delivered to Incident: 10/12/2022 at 2110 PDT IR data uploaded to NIFS FTP uploads 2135 PDT		Digital files sent to: NIFS and Wildfire.ftp https://ftp.wildfire.gov/public/incident_specific_data/pacific_nw/2022_Incidents_Washington/2022_NakiaCreek_WA-PCS-0220/IR/20221013	
Comments / notes on tonight's mission and this interpretation: <p>The interpretation was based on last night's IR heat perimeter.</p> <p>Very little heat perimeter growth was detected tonight, mostly just small amounts around the perimeter. All the areas within the perimeter that didn't show heat last night did tonight, including those that were in timbered areas. There is one larger area of intense heat mapped in the interior, with some smaller pockets around the fire area. The northern boundary of the fire had the most heat near the perimeter. As the fire is starting to cool, some areas are showing only isolated heat sources, while the rest are mapped as scattered heat. There was no heat detected outside of the mapped perimeter tonight, with the exception of the heat source mentioned last night which may be a wood stove at a home (still at 45° 20.23' x -122° 18.917'). Special care was taken to look at the area along the ridge north of the fire, but no signs of remaining heat were detected tonight.</p> <p>Per the discussion with GISS Shawn, the perimeter was adjusted in places where a GPS'd line existed and where the previous night's heat perimeter location may have been farther out from the actual perimeter due to flame length or heat intensity. If someone has walked the actual fire perimeter with a high-quality GPS, then that will likely be a better perimeter location. There are times when heat can be far enough outside the perimeter that someone walking the constructed line may miss it, but no evidence of that was found tonight.</p> <p>Questions/Comments/Suggestions? Please use the contact info above to contact the interpreter.</p>			