

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: 1,796 acres Growth last period: 231 acres
Flight Time: 1844 PDT Flight Date: 10/17/2022	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-57	Aircraft/Scanner System: N350-FV/Tenax TK9	Tech: Wren
IRIN Comments on imagery: 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: 10/17/2022 1915 PDT		Type of media for final product: Shapefiles, geodatabase, KMZ, IR Log, pdf Maps	
Date and Time Products Delivered to Incident: 10/17/2022 at 2200 PDT IR data uploaded to NIFS FTP uploads 2245 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/20221018	
Comments / notes on tonight's mission and this interpretation: <p>The interpretation was based on last night's IR heat perimeter, as it was identical to the event polygon.</p> <p>The isolated area of heat to the NW in the Cedar Creek drainage (south and uphill of the Larch Corrections Center) had intense heat and perimeter growth to the east. To the SE, the isolated area of heat along the ridge line west of Larch Mountain is also expanding mainly to the east, but also in all the other directions. Intense heat from this spot was mapped at the top of both the Boulder Creek and Cedar Creek drainages.</p> <p>The four smaller isolated areas of heat directly west of the main and original Nakia Creek heat perimeter have all grown together, leaving some apparent unburned areas surrounded by heat. There is intense heat on the west above Creswell Heights. The fire appeared to grow mainly to the north and uphill. Within the heat perimeter, there were many small areas of intense heat inside the area mapped as scattered heat. They were too numerous and too small to map individually. A new isolated area of intense heat was mapped on the knob to the SSE of Lark Mountain. There is also intense heat below the saddle to the SE of the knob. Additionally, intense heat is expanding uphill along the ridgeline near the original area of the fire, and there may or may not be a threat of that heat expanding downhill to the east into the Hagen Creek drainage.</p> <p>The heat source mapped previously is back. The SITL reported investigating on 10/12 and finding nothing, so it was mapped as a potential heat source. No building was visible on the NAIP imagery from 2021, but it may still be associated with a residence or other. It is still as at 45° 20.23' x -122° 18.917'. The heat source on yesterday's imagery in the same area is likely the same heat source, with some issues due to orthorectification being off.</p> <p>Questions/Comments/Suggestions? Please use the contact info above to contact the interpreter.</p>			