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:** 1,869 acres **Growth last period:** 73 acres
Flight Time: 1853 PDT **Flight Date:** 10/18/2022	**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: Chase Duncan - SITL 541-419-0063	**A Number:** A-67	**Aircraft/Scanner System:** N350-FV/Tenax TK9	**Tech:** Wren
IRIN Comments on imagery: Clear imagery, and 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: 10/18/2022 1930 PDT		**Type of media for final product:** Shapefiles, geodatabase, KMZ, IR Log, pdf Maps	
Date and Time Products Delivered to Incident: 10/18/2022 at 2145 PDT IR data uploaded to NIFS FTP uploads 2215 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/20221019	

Comments /notes on tonight's mission and this interpretation:

The interpretation was based on last night's IR heat perimeter, as it was identical to the event polygon. The small polygon of heat perimeter which had been placed around the recurring heat source in Jones Creek (at 45° 20.23' x -122° 18.917'), was removed from the event polygon, so it was removed from the heat perimeter as well. Tonight no heat was detected in that location.

The isolated area of heat to the NW in the Cedar Creek drainage (south and uphill of the Larch Corrections Center) showed no growth tonight and only scattered heat.

To the SE, the isolated area of heat along the ridgeline west of Larch Mountain grew again mainly to the east, but also a bit on the north flank, along the WNW-facing slope above the Corrections Center. Most of the intense heat and growth for this area was in the Boulder Creek drainage, below the road.

The two smaller isolated areas of heat (one SW of the main perimeter and one on the north flank just below the ridgeline that runs south and then ESE from Larch Mtn Communications site) both appear to have grown into the main perimeter. Less heat perimeter growth tonight, and only a few smaller areas of intense heat. The hottest area on the incident at flight time tonight was the area of heat mentioned previously below the knob to the south of Larch Mountain. The rest of the fire showed only scattered heat, with the far eastern portion, where the fire started now showing only isolated heat sources. A could of unburned islands remain in Boulder Creek, but with intense heat in that location tonight, they will likely be incorporated into the heat perimeter by tomorrow night. The area above Creswell Heights appears to have cooled a bit since the last IR flight.

Questions/Comments/Suggestions? Please use the contact info above to contact the interpreter.