INFRARED INTERPRETER'S DAILY LOG

Incident Name: Little Copper ID-NCF-000532	**IR Interpreter(s):** Elise Bowne elise.bowne@usda.gov	**Local Dispatch Phone:** Grangeville Dispatch 208-983-6800	**Interpreted Size:** 747 Acres (Geodesic) **Growth last period:** 194 Acres
Flight Time: 2255 PDT **Flight Date:** 09/17/2022	**Interpreter(s) location:** Denver, CO **Interpreter(s) Phone:** (cell) 303-517-7510	**GACC IR Liaison:** Jen Frazer **GACC IR Liaison Phone:** 406-547-6010	**National Coordinator:** Tom Mellin **National Coord. Phone:** 505-842-3845
Ordered By: Grangeville Dispatch idgvc@firenet.gov	**A Number:** A-4	**Aircraft/Scanner System:** N149Z/Phoenix	**Pilots/Techs:** Pilots: Helquist/Watts Techs: Kuenzi
IRIN Comments on imagery: One pass, relatively clear imagery. Georeferencing was good		**Weather at time of flight:** Clear	**Flight Objective:** Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 9/17/2022 2345 PDT		**Type of media for final product:** IR Shapefiles, GDB, KMZ, IR Log, Topo and Ortho Maps	
Date and Time Products Delivered to Incident: Data uploaded to NIFS: 9/18/2022 0205 PDT Products uploaded to ftp at 0215 PDT		**Digital files sent to:** NIFS and Wildfire.ftp https://ftp.wildfire.gov/public/incident_specific_data/n_rockies/2022_Fires/2022_LittleCopper/IR/20220918/	

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

Interpretation began with the incident perimeter found in the NIFS. This appeared to have come solely from the DRTI flight on 9/10. It left out several areas that were mapped on 8/19, 8/24, and 9/1 NIROPS flights. Imagery for all three flights was consulted and the areas were indeed hot when flown, so they were put back into the heat perimeter despite not showing heat at the flight time on 9/17 at 2255 PDT.

The heat is mainly expanding down the WNW-facing slope of the ridge that runs from Vermillion Peak to the WNW. As of flight time, the heat had just about reached Buck Lake Creek. The heat is also expanding to the SW into a side drainage of Robin Creek. Several areas of scattered heat were mapped. In the No Business Creek area, the main perimeter appears to have crossed the creek to the north. One isolated heat source was detected on the hillside on the SW-facing slope on the north side of No Business Creek. Just one isolated heat source was detected high on the SW side of Vermillion Peak, inside the heat perimeter.

An isolated heat source was located on the east-facing slope of the ridge to the north of the incident (north of the No Business Creek drainage). It is in the Snowslide Creek drainage and may or may not be associated with this incident. It is at 45° 56.731' x -115° 7.488'. It is marked on the maps with a call-out label.

Please let the interpreter know of any issues or suggestions using the contact information above