INFRARED INTERPRETER'S DAILY LOG

Incident Name: MOOSE ID-SCF-022105	**IR Interpreter(s):** Cheron Ferland cheron.ferland@usda.gov	**Local Dispatch Phone:** Central Idaho Dispatch (208-756-5157)	**Interpreted Size:** 95,520 Acres **Growth last period:** 780 Acres
Flight Time: 2300 MDT **Flight Date:** August 22, 2022	**Interpreter(s) location:** Duluth, MN **Interpreter(s) Phone:** 541-654-1122	**GACC IR Liaison:** **GACC IR Liaison Phone:**	**National Coordinator:** Tom Mellin **National Coord. Phone:** 505-301-8167
Ordered By: Valentijn Hoff	**A Number:** 136	**Aircraft/Scanner System:** N149Z/Phoenix	**Pilots/Techs:** IR Tech: Michael Mann
IRIN Comments on imagery: Good Imagery; 3 passes		**Weather at time of flight:** Partly Cloudy	**Flight Objective:** Map Heat Perimeter, Intense Heat, Scattered Heat, and Isolated Heat
Date and Time Imagery Received by Interpreter:		**Type of media for final product:** PDF Maps, Geodatabase/Shapefiles, KMZ, IRIN Log	
Date and Time Products Delivered to Incident:		**Digital files:** Posted to: • ftp.nifc.gov/incident_specific_data/great_basin/2022_Incidents/2022_Moose/IR • NIFS	

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

Aircell on board the plane was down for most of the flight so I was not able to access the raw data until 0130 MDT.

I began mapping from the most recent NIFS Wildfire Perimeter.

There was a lot of minor heat perimeter expansion and one major area of growth on the far western flank where the fire grew up to ½ mile. There was intense heat in that expansion zone. The remainder of the fire had pockets of scattered and isolated heat.

There were nine possible isolated heats outside of the main fire from ½ to 3 miles away. One appeared to be near a campground but I couldn't explain the rest. They did not appear to be associated with any intense heat creating hotspots. Is it hunting season in Idaho? Could they have been hunters camping?

1040 MDT Update:

After review by the National IR Coordinator, Tom Mellin, we realized that the nine "possible isolated heats" were NOT HEAT. Instead they are related to an anomoly that occurs (rarely) in the Phoenix Imagery. It has to do with instrument calibration and noise that sometimes occurs.