INFRARED INTERPRETER'S DAILY LOG

Incident Name: Hog Trough MT-BRF-022161	**IR Interpreter(s):** Chad Horman chad.horman@usda.gov	**Local Dispatch Phone:** Dillon Dispatch 406-683-3975	**Interpreted Size:** 1,270 Acres **Growth last period:** 252 Acres
Flight Time: 0031 MDT **Flight Date:** 08/17/2022	**Interpreter(s) location:** Cedar City, UT **Interpreter(s) Phone:** 435-592-5175	**GACC IR Liaison:** Jen Frazer **GACC IR Liaison Phone:** Work – (406) 547-6010 Cell – (203) 695-1207	**National Coordinator:** Tom Mellin **National Coord. Phone:** Work – (505) 842-3846 Cell – (505) 301-8176
Ordered By: RIST 406-544-1506 SITL Amy Haas (605) 645-8355 amy_haas@firenet.gov Erin Ryan 406-560-3913 erin_ryan@firenet.gov	**A Number:** A-59	**Aircraft/Scanner System:** N149Z/Phoenix	**Pilots/Techs:** Pilots: Helquist/Watts Tech: Mann
IRIN Comments on imagery: Imagery good, orthorectification was good also		**Weather at time of flight:** Clear	**Flight Objective:** Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 08/17/2022 @ 0200 MDT		**Type of media for final product:** Shapefiles, one geodatabase, two pdf maps, kmz file, IRIN log. IR data posted to IRIN Edit Services (National Incident Feature Service 2022) **Digital files sent to:** https://ftp.wildfire.gov/public/incident_specific_data/n_rockies/2022_fires/2022_Hog_Trought/IR/2020817	
Date and Time Products Delivered to Incident: IR data uploaded to IES: 08/17/2022 @ 0300 MDT IR products uploaded to ftp: 08/17/2022 @ 0315 MDT			

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

- Started interpretation with incident provided perimeter based on data downloaded from Internal View Services (National Incident Feature Service 2022) on 8/16/2022 @ 1920 MDT.
- Fire activity is along the south side of the fire. Increase of 252 acres in perimeter growth for total of 1,270.
- Intense heat along bottom of the fire area. The large spot fire on the most eastern point of the fire is growing and may connect with the main fire.
- A few small spot fires along the south side, adjacent to active perimeter.
- Large amount of scattered heat mingled with the intense heat.
- Limited amount of isolated heat sources.
- The upper half of the burn area is mostly free of any observable heat.
- The provided geodatabase and shapefiles are in in WGS84 decimal degrees, so would be convenient for working in IES and IVS.
- Maps are in NAD83 UTM 12.
- Feedback is always appreciated. Please contact the interpreter at the contact information listed above.