

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Hog Trough MT-BRF-022161	<b>IR Interpreter(s):</b> Chad Horman <a href="mailto:chad.horman@usda.gov">chad.horman@usda.gov</a>	<b>Local Dispatch Phone:</b> Dillon Dispatch 406-683-3975	<b>Interpreted Size:</b> 1,401 Acres <b>Growth last period:</b> 131 Acres
<b>Flight Time:</b> 2346 MDT <b>Flight Date:</b> 08/17/2022	<b>Interpreter(s) location:</b> Enoch, UT <b>Interpreter(s) Phone:</b> 435-592-5175	<b>GACC IR Liaison:</b> Jen Frazer <b>GACC IR Liaison Phone:</b> Work – (406) 547-6010 Cell – (203) 695-1207	<b>National Coordinator:</b> Tom Mellin <b>National Coord. Phone:</b> Work – (505) 842-3846 Cell – (505) 301-8176
<b>Ordered By:</b> RIST 406-544-1506 SITL Amy Haas (605) 645-8355 <a href="mailto:amy_haas@firenet.gov">amy_haas@firenet.gov</a> Erin Ryan 406-560-3913 <a href="mailto:erin_ryan@firenet.gov">erin_ryan@firenet.gov</a>	<b>A Number:</b> A-60	<b>Aircraft/Scanner System:</b> N149Z/Phoenix	<b>Pilots/Techs:</b> Pilots: Helquist/Watts Tech: Mann
<b>IRIN Comments on imagery:</b> Clear and good orthorectification		<b>Weather at time of flight:</b> Clear	<b>Flight Objective:</b> Heat Perimeter Detection / Categorizing Heat Intensity
<b>Date and Time Imagery Received by Interpreter:</b> 08/18/2022 @ 0007 MDT		<b>Type of media for final product:</b> Shapefiles, one geodatabase, two pdf maps, kmz file, IRIN log. IR data posted to IRIN Edit Services (National Incident Feature Service 2022) <b>Digital files sent to:</b> <a href="https://ftp.wildfire.gov/public/incident_specific_data/n_rockies/2022_fires/2022_Hog_Trough/IR/2020818">https://ftp.wildfire.gov/public/incident_specific_data/n_rockies/2022_fires/2022_Hog_Trough/IR/2020818</a>	
<b>Date and Time Products Delivered to Incident:</b> IR data uploaded to IES: 08/18/2022 @ 0130 MDT IR products uploaded to ftp: 08/18/2022 @ 0143 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 8/17/2022 @ 1929 MDT.
- Fire activity occurred along the south side of the fire. The middle section saw perimeter extended. A large spot fire occurred on the south east corner and the existing on the far east side grew.
- Total perimeter acreage is 1,401 and increase of 131 acres.
- Intense heat along the middle to edge of middle of the southern edge. The new spot fire fully contains intense heat.
- Large patches of scattered heat are in and around the areas of intense heat.
- Isolated heat sources scattered throughout lower half of the interior of the fire.
- The upper half has no heat observed.
- 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.