

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Hog Trough MT-BDF-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> 1,018 Acres <b>Growth last period:</b> 194 Acres
<b>Flight Time:</b> 2039 MDT <b>Flight Date:</b> 08/15/2022	<b>Interpreter(s) location:</b> Cedar City, 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	<b>A Number:</b> A-54	<b>Aircraft/Scanner System:</b> N149Z/Phoenix	<b>Pilots/Techs:</b> Pilots: Helquist/Boyce Tech: Teats
<b>IRIN Comments on imagery:</b> Clear imager 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> 08/15/2022 @ 2133		<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_rookie_s/2022_fires/2022_Hog_Trough/IR/2020816">https://ftp.wildfire.gov/public/incident_specific_data/n_rookie_s/2022_fires/2022_Hog_Trough/IR/2020816</a>	
<b>Date and Time Products Delivered to Incident:</b> IR data uploaded to IES: 08/15/2022 @ 2133 MDT IR products uploaded to ftp: 08/15/2022 @ 2155 MDT			
<b>Comments /notes on tonight's mission and this interpretation:</b> <ul style="list-style-type: none"> <li>• Started interpretation with incident provided perimeter based on data downloaded from Internal View Services (National Incident Feature Service 2022) on 8/15/2022 @ 2030 MDT.</li> <li>• Fire activity was high in the southern middle of the fire. Perimeter acres increased by 194 acres for a total of 1,018.</li> <li>• Intense heat in area of perimeter growth in southern middle area.</li> <li>• There are several spot fires. The largest on the far east side of the fire is very close to merging with the main fire.</li> <li>• Several spot fires along the southern flank. There is a small cluster of five spot fires in the middle of south flank that showed up in the black/white imagery and as raw heat but were not visible in the color imagery. They were mapped as a precaution.</li> <li>• Limited amount of scattered heat.</li> <li>• Isolated heat sources are mostly clustered in the southwest section of the fire. There is also a small cluster in the lower middle section of the fire.</li> <li>• The provided geodatabase and shapefiles are in WGS84 decimal degrees, so would be convenient for working in IES and IVS.</li> <li>• Maps are in NAD83 UTM 12.</li> </ul>			

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- Feedback is always appreciated. Please contact the interpreter at the contact information listed above.