

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Woods Creek  <b>Incident ID:</b> MT-HLF-000258	<b>IR Interpreter(s):</b> Trisha Boll (t) Zack Muirbrook  <b>Interpreter Email:</b> Trisha.boll@usda.gov	<b>Local Dispatch Phone:</b> Helena Interagency Dispatch (406-449-5475)	<b>Interpreted Size:</b> 55,448  <b>Growth last period:</b> + 3 acres
<b>Flight Date / Time:</b> 9/21/2021 2237 MDT	<b>Interpreter(s) location:</b> Whitefish, MT  <b>Interpreter(s) Phone:</b> 406-212-7878	<b>GACC IR Liaison:</b> Tim Stauffer (NR)  <b>GACC IR Liaison Phone:</b> 406-529-6366	<b>National Coordinator:</b> Jan Johnson  <b>National Coord. Phone:</b> 801-824-5440
<b>Ordered By:</b> Philip Knaub 406-438-3785 <a href="mailto:philip.knaub@usda.gov">philip.knaub@usda.gov</a>	<b>A Number:</b> A #115	<b>Aircraft/Scanner System:</b> N350SM / Tenax IR	<b>Pilots/Techs:</b> Tech: Elizabeth
<b>IRIN Comments on imagery:</b> Overall good imagery. Four passes. Imagery required slight orthorectification in southwest quarter; none required elsewhere.		<b>Weather at time of flight:</b> Clear.	<b>Flight Objective:</b> IR heat perimeter and heat sources (intense, scattered, and isolated heat)
<b>Date /Time Imagery Received by Interpreter:</b> 9/22/2021 @ 0034 MDT		<b>Type of media for final product:</b> IRIN Daily Log, Shapefiles, KML, PDF Maps, Geodatabase	
<b>Date /Time products delivered</b> 09/22/2021 0400 MDT posted to NIFS and FTP		<b>Digital files sent to:</b> <a href="https://ftp.wildfire.gov/public/incident_specific_data/n_rockies/2021_fires/2021_WoodsCreek/IR/">https://ftp.wildfire.gov/public/incident_specific_data/n_rockies/2021_fires/2021_WoodsCreek/IR/</a> and NIFS  <b>Emailed to:</b> <a href="mailto:philip.knaub@usda.gov">philip.knaub@usda.gov</a>	

### Comments

*Starting perimeters obtained from NIFS, dated 20210921 at 1730 MDT.*

- Limited Intense Heat overall. One small Intense heat polygon is relatively close to the heat perimeter in Moose Creek drainage, Section 29 near Road #575.
- There are two Isolated Heat points that appear to be just outside of the Heat perimeter in North Fork Duck Creek, Section 20 (46 31.7N, -111 23.2W).
- There are a few Isolated Heat points near the Heat perimeter in a drainage bottom of the northern-most Big Birch Creek tributary, Section 4 (46 28.08N, -111 13.73W).
- There is an Isolated Heat point between Mule Creek and Pickfoot Creek, Section 33 (46 34.95N, -111 14.58W).
- Acreage was calculated using UTM Zone 12N, NAD83, geodesic. There was no perimeter adjustment from the downloaded NIFS heat perimeter. Acreage difference likely due to calculation method.

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