

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Fuse Lake MT-BDF-022161	IR Interpreter(s): Chad Horman chad.horman@usda.gov	Local Dispatch Phone: Dillon Dispatch 406-683-3975	Interpreted Size: 17 Acres Growth last period: 10 Acres
Flight Time: 0027 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: Clear imagery. Orthorectification was off between the two images. The color was shifted about 100 ft east of the ortho.		Weather at time of flight: Clear	Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 08/17/2022 @ 0117 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_Fuse_Lake/IR/2020817	
Date and Time Products Delivered to Incident: IR data uploaded to IES: 08/17/2022 @ 0140 MDT IR products uploaded to ftp: 08/17/2022 @ 0200 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 @ 2008 MDT.
- Perimeter acreage more than doubled to a whopping 17 acres.
- Intense heat on the east side.
- Scattered heat covers the half of the burn area.
- No isolated heat sources.
- 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.