

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Boundary ID-SCF-021230	IR Interpreter(s): Elise Bowne elise.bowne@usda.gov	Local Dispatch Phone: Central Idaho Dispatch 208-756-5157	Interpreted Size (Acres): 11,876 acres Growth last period 4,311 acres
Flight Time: 2326 MDT Flight Date: 09/01/2021	Interpreter(s) location: Lakewood, CO Interpreter(s) Phone: 303-517-7510	GACC IR Liaison: Nate Yorgason GACC IR Liaison Phone: 435-590-1107	National Coordinator: Tom Mellin National Coord. Phone: 505-301-8167
Ordered By: Salmon Challis NF 208-756-5157	A Number: A-82	Aircraft/Scanner System: N350SM/Tenax TK-9	Pilots/Techs: Unknown/John
IRIN Comments on imagery: Orthorectification is off a bit on one strip, the other two were very well-aligned		Weather at time of flight Clear	Flight Objective: Map heat perimeter, intense, scattered, and isolated heat
Date and Time Imagery Received by Interpreter: 9/02/21 @ 0200 MDT		Type of media for final product: Shapefiles, one geodatabase, two pdf maps, one kmz file, and the IR Log. IR output will also be posted to NIFS.	
Date and Time Products Delivered to Incident: 9/02/21 @ 0500 MDT		Digital files sent to: https://ftp.wildfire.gov/public/incident_specific_data/great_basin/2021_Incidents/2021_Boundary/IR/	
Comments /notes on tonight's mission and this interpretation: Started with the event polygon in NIFS. The NE part of the incident was the most active and showed the most growth. A new arm of the perimeter is backing down into the Greyhound Creek watershed. The three spots from last night that were furthest down into the drainage did not show any heat tonight. The heat has moved north in the Soldier Creek drainage, with several larger isolated areas of intense heat on that north edge. South of there, the heat is progressing up the Muskeg and Soldier Creek drains and south along Greyhound Ridge. Intense heat detected throughout the Thicket Creek drainage, and to the south, a new arm of intense heat is moving down the upper reaches of the Muskeg Creek drainage. West of Soldier Mountain, the north edge of the incident is fairly quiet, with only isolated and lightly scattered heat. On the south side, intense heat is backing down the ridge toward Patrol Creek, and along both sides of the Middle Fork Salmon River. The heat hadn't reached the Boundary Creek campground as of flight time, but is still moving that direction. To the southwest, along the south edge of the incident, there is intense heat in Boundary Creek, which now appears to have crossed to the south side of the creek. On the west side of the incident, the heat continues to slowly move along both sides of the unnamed ridge. To the north, the heat continues to move to the west with intense heat on both sides of Sulphur Creek, and to the west along the slopes of Moorehead Mountain. Due to issues with shifting perimeters, the interpretation was done using data in decimal degrees, WGS84 datum. The shapefiles provided in UTM 11 NAD83 were created with the transformation WGS84 to NAD83 5. Please inform the interpreter which transformation is in use so this can be matched, or better yet, the interpreter suggests that the data is left in WGS84. Feedback is always appreciated. Please contact the interpreter with contact information above.			