

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): 49,784 acres Growth last period 6,580 acres
Flight Time: 2220 MDT Flight Date: 09/09/2021	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-91	Aircraft/Scanner System: N350SM/Tenax TK-9	Pilots/Techs: Unknown/Kelsey
IRIN Comments on imagery: Corrections needed to orthorectification, lots of issues with frames within the image not lining up.		Weather at time of flight Clear	Flight Objective: Map heat perimeter, intense, scattered, and isolated heat
Date and Time Imagery Received by Interpreter: 9/09/21 @ 2300 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: 9/10/21 @ 0630 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: <p>Started with the event polygon in NIFS.</p> <ul style="list-style-type: none"> The Boundary and Scarface fires have nearly merged. The other interpreter decided the area of heat coming down the south-facing slope into Sheep Creek came from Scarface. The area of intense heat at the confluence of Sheep Creek and Boundary looked more like a spot from Boundary. All heat N of Sheep Creek is in Scarface products. Starting in the south, the heat perimeter continues to move south up Dagger Creek. The heat has reached the top of Blue Bunch Mountain and appears to have "stalled out" on top of the ridge. There is a new area of intense heat on the east facing slope of Middle Fork Salmon River south of the confluence with Fall Creek. The larger area of intense heat to the east of Mile 101 (marking on topo map) continues to expand to the south up the drainages and also to the northeast. The small spots in the Harlan Creek drainage have expanded in all directions, including to the south into Seafoam Creek. On the northeastern part of the perimeter, the intense heat and heat perimeter has moved south crossing Sulphur Creek and gone through all of the Lunch Creek drainage and is backing into Lime Creek. Only limited growth detected in Lucinda Creek tonight. However, as mentioned above, the heat has moved down Rapid River to Sheep Creek. On the north, the heat continues moving down Soldier Creek toward the Middle Fork Salmon River The majority of the north "saddle" of the north edge of the perimeter continues to cool, with a few small exceptions. The heat continued to the ENE down Rams Horn Creek drainage, staying on the ridge and the SE-facing slope NE of Spike Creek above (NW) of the Middle Fork. The heat by Sulphur Creek Ranch continues to move to the west and appears to remain north and west of the track. To the south, the heat continues to back down off the ridge south of Sulphur Creek in all directions. Finally, the heat continues to expand up the Boundary Creek drainage. <p>The shapefiles provided in UTM 11 NAD83 were created with the transformation WGS84 to NAD83 5. The provided geodatabase is in WGS84 to match NIFS. Feedback is always appreciated. Please contact the interpreter with contact information above.</p>			