

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): 43,204 acres Growth last period 13,433 acres
Flight Time: 1950 MDT Flight Date: 09/08/2021	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-90	Aircraft/Scanner System: N350SM/Tenax TK-9	Pilots/Techs: Unknown/Kelsey
IRIN Comments on imagery: Corrections needed to orthorectification, good clear imagery		Weather at time of flight Clear	Flight Objective: Map heat perimeter, intense, scattered, and isolated heat
Date and Time Imagery Received by Interpreter: 9/08/21 @ 2045 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: 9/09/21 @ 0215 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. Lots of intense heat and heat perimeter growth tonight – primarily to the east in three areas around the perimeter. <ul style="list-style-type: none"> • Starting in the south, the heat perimeter continues to move south up Blue Bunch Creek and Dagger Creek. The heat has reached the top of Blue Bunch Mountain and is continuing to the south. • The larger area of intense heat to the east of Mile 101 (marking on topo map) expanded to the south crossing Fall Creek, making it to several unnamed peaks to the south and to Finger Lakes on the SE. To the east, the heat spotted over the wilderness boundary to the east into the upper part of Harlan Creek. There was a large area of intense heat 1.3 miles ahead of the main body of the fire, uphill of Seafoam Mine. • On the northeastern part of the perimeter, the intense heat and heat perimeter has moved across Rapid River and up to the Mountain King Mine on the east, above the Bruin Creek drainage. It has moved past Aspen Creek into the Lucinda Creek drainage. It appears that the heat has moved back into the wilderness. • On the north, There were two areas of intense heat moving to the north down Soldier Creek and the small unnamed drainage to the west toward the Middle Fork Salmon River (at flight time – less than 0.5 miles to the 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, moving up over the ridge and through the top part of the Spike Creek drainage. The heat seems to be mainly contained to the east side of the ridge there, though in a few spots it looked like the heat might have made it over the top and slightly into Elkhorn Creek drainage. • As of flight time, the heat was west of Sulphur Creek Ranch and appeared to be staying north 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. 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.			