

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): 29,771 acres Growth last period 3,182 acres
Flight Time: 2255 MDT Flight Date: 09/06/2021	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-88	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: 9/07/21 @ 0100 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: 9/07/21 @ 0800 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. Please note that there was a lot of scattered heat in the area of Soldier Creek, Chuck Creek, Muskeg Creek, but the interpreter had some technical difficulties that prevented the mapped area there from making it into the IR products. I'm sorry! A fair amount of intense heat and heat perimeter growth detected tonight, in the NE, NW and south parts of the incident. <ul style="list-style-type: none"> • Starting in the south, the heat perimeter continues to move south up Blue Bunch Creek and Dagger Creek. At flight time, was just about at the top of Blue Bunch Mountain.. • The areas of intense heat to the east of Mile 101 (marking on topo map) have expanded are moving downhill on the west side of Iris Lakes, and there are numerous isolated heat sources now both below the bench south of Iris Lake(s) and also to the NE at the top of the Soldier Lakes area. The heat from this area has crossed Fall Creek next to the Middle Fork Salmon River, and is close also a mile east of the confluence. • On the northeastern part of the perimeter, the intense heat formed two arms north and south of Greyhound mountain and both were east of the mountain by flight time. There is some heat now in the Garnet and Opal Creek drainages, with intense heat backing southward down the Sulphur Creek drainage (east side of the incident)> • On the north, intense heat is backing down Greyhound Creek, and to the west, is advancing downslope on the east side of Soldier Creek. • The majority of the north "saddle" of the north edge of the perimeter continues to cool, with a few small exceptions. • The heat has made a move to the ENE down into Rams Horn Creek drainage, and along the ridge toward Moorehead Lake. Also some heat sources in the upper part of Prospect Creek. • As of flight time, the heat was about even with 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. 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.			