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| **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):**  7,565 acres  **Growth last period**  2,834 acres |
| **Flight Time:**  2318 MDT  **Flight Date:**  08/31/2021 | **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-81 | **Aircraft/Scanner System:**  N350SM/Tenax TK-9 | **Pilots/Techs:**  Unknown/John |
| **IRIN Comments on imagery:**  Orthorectification is off a bit. | | **Weather at time of flight**  Clear | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  9/01/21 @ 0330 MDT | | **Type of media for final product:**  Two sets of shapefiles, one geodatabase, two pdf maps, one kmz file, and the IR Log. IR output will also be posted to NIFS.  **Digital files sent to:**  <https://ftp.wildfire.gov/public/incident_specific_data/great_basin/2021_Incidents/2021_Boundary/IR/> | |
| **Date and Time Products Delivered to Incident:**  9/01/21 @ 0630 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with the previous night’s IR polygon, because the event polygon in NIFS hadn’t been updated.  The heat made a run to the ENE of nearly six miles, crossing the Soldier Creek drainage and the ridge on the east side of that watershed, where isolated heat sources and intense heat areas were detected ahead of the main perimeter, reaching nearly the bottom of the Greyhound Creek creek. Heat perimeter growth with intense heat was also detected backing downslope along the south edge of the incident both east and west of the where the south edge of the perimeter crosses the Middle Fork Salmon River. The heat has again reached the bottom of Boundary Creek, just west of where it had previously. In the west, there was some perimeter growth along the ridge to the SW and backing down the NNW facing slope of the ridge. Just to the NW, where the heat perimeter crosses Sulphur Creek, the heat is moving westward, both in the drainage bottom and along the SSE facing slope of Moorehead Mountain.  One of the areas detected last night as heat, far from the main perimeter, showed up again tonight. It was labeled a possible heat source and is again along the north bank of the Middle Fork Salmon River. It may be a campfire. It has not moved since last night and is at about 44 36.531 N x -115 16.182 W.  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. | | | |