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| **Incident Name:**  Boundary  ID-SCF-021230 | **IR Interpreter(s):**  Zack Muirbrook  Zack.muirbrook@usda.gov | **Local Dispatch Phone:**  Central Idaho Dispatch  208-756-5157 | **Interpreted Size:**  79,707 Acres  **Growth last period:**  6,087 Acres (3 days) |
| **Flight Time:**  2315 MDT  **Flight Date:**  09/20/2021 | **Interpreter(s) location:**  Idaho Falls, ID  **Interpreter(s) Phone:**  208-221-3775 | **GACC IR Liaison:**  Nate Yorgason  **GACC IR Liaison Phone:**  435-590-1107 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Dale Farrand  SCNF 208-756-5157 | **A Number:**  A-119 | **Aircraft/Scanner System:**  N350FV/TK9 | **Pilots/Techs:**  Rachel |
| **IRIN Comments on imagery:**  5 full passes plus 3 partial bonus passes, alignment off up to 250’. | | **Weather at time of flight:**  clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  09/21/2021 0115 MDT | | **Type of media for final product:**  IRIN Daily Log, Shapefiles, File Geodatabase, KML, PDF Maps  **Digital files sent to:**  NIFS and FTP (Address Below) /incident\_specific\_data/great\_basin/2021\_Incidents/2021\_Boundary/IR | |
| **Date and Time Products Delivered to Incident:**  09/21/2021 0535 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started from a perimeter downloaded from NIFS at 2315. The growth reported above is compared to the last IR flight from 9/18.  Since it was a few days since IR was flown, the heat was very cool and spotty. It was tough to decipher a perimeter. I digitized at a coarser scale to try and get the best perimeter. There may be areas of unburned islands or fingers that I called perimeter in some areas. And conversely, the perimeter may be further out in areas than I am showing. The SE was especially spotty. It would not hurt to get some ground truthing in that area (East of the Middle Fork around Jose Creek).  The biggest growth areas were to in the north pushing west around little soldier mountain and south of that around Bell Creek. There was also significant growth between the original Boundary and Scarface fires tying several spots together, and in the north pushing east towards Jackass Gulch. There was also significant growth in the south around the start of Boundary Cr and on both sides of the Middle Fork. The rest of the growth was scattered around in small patches. There were only a few very small patches of intense heat all in the north scattered around the original scarface fire. There is still a lot of scatterd and isolated heat throughout the perimeter but with larger cool areas in the interior and along part of the west.  Alignment was off by up to 250’ but fairly consistent across each pass. I think I was able to correct for it pretty well. | | | |