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| **Incident Name:**  Mud Lick  ID-SCF-021130 | **IR Interpreter(s):**  Nate Yorgason  Nate.yorgason@usda.gov | **Local Dispatch Phone:**  Dillon Dispatch Center  406-683-3975 | **Interpreted Size:**  20,856 Acres  **Growth last period:**  <1 Acres |
| **Flight Time:**  1943 MDT  **Flight Date:**  08/19/2021 | **Interpreter(s) location:**  Idaho Falls, ID  **Interpreter(s) Phone:**  208-557-5785 | **GACC IR Liaison:**  Tim Stauffer  **GACC IR Liaison Phone:**  406-529-6366 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Howard Williams  406-370-2462 | **A Number:**  A-114 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Boyce, Johnson/Rob N |
| **IRIN Comments on imagery:**  2 passes | | **Weather at time of flight:**  Cloudy | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  08/19/2021 2115 MDT | | **Type of media for final product:**  IRIN Daily Log, Shapefiles, File Geodatabase, KML, PDF Maps  **Digital files sent to:**  Posted to FTP (ftp.wildfire.gov/incident\_specific\_data/) and NIFS. | |
| **Date and Time Products Delivered to Incident:**  08/19/2021 2200 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started from a perimeter downloaded from NIFS at 2000 on 08/19. That perimeter showed 20,856 acres. This was the first IR flight following 2 straight days of weather related UTF’s and this could have been UTF’d due to cloud cover as well. Really the only area of the fire that had usable heat trips was the western portion of the fire and that is the data that was uploaded. The rest of the fire had cloud cover. Even though I did not map cloud cover, it certainly was a factor in seeing the rest of the fire. There were still a couple of areas along the perimeter where I needed to bump the perimeter out a little to pick up heat outside the perimeter but this perimeter growth was less than a quarter of an acre keeping the total at 20, 856.  52fea762-2640-471f-b625-373d8b3c830d | | | |