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| **Incident Name:**  Ridge  MT-FNF-000518  Abbot Creek | **IR Interpreter(s):**  Elise Bowne  elise.bowne@usda.gov | **Local Dispatch Phone:**  Kalispell Dispatch  406-758-5260 | **Interpreted Size:**  Ridge: 3,178 Acres  Abbot Creek: 0.28 Acres  **Growth last period:**  Ridge: 55 Acres  Abbot Creek: 0 Acres |
| **Flight Time:**  2308 MDT  **Flight Date:**  8/13/2023 | **Interpreter(s) location:**  Denver, CO  **Interpreter(s) Phone:**  303-517-7510 | **GACC IR Liaison:**  Jen Frazer  **GACC IR Liaison Phone:**  203-695-1207 (cell) | **National Coordinator:**  Kat Sorenson  **National Coord. Phone:**  406-499-2701 |
| **Ordered By:**  Michael Hoose  805-350-1465  michael\_hoose@firenet.gov | **A Number:**  A-37 | **Aircraft/Scanner System:**  N350SM/TK9 | **Pilots/Techs:**  Tech: Kris |
| **IRIN Comments on imagery:**  One pass, good quality but with orthorectification issues, especially on the east and south | | **Weather at time of flight:**  Clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  8/14/2023 0100 MDT | | **Type of media for final product:**  IRIN Daily Log, Shapefiles, File Geodatabase, KMZ, PDF Maps  **Digital files sent to:**  https://ftp.wildfire.gov/public/incident\_specific\_data/n\_rockies/2023\_Fires/2023\_Ridge/IR/20230814 | |
| **Date and Time Products Delivered to Incident:**  Heat Perimeter: 8/14/2023 0215 MDT  Heat Products: 8/14/2023 0315 MDT /redone 1130 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Ridge IRWIN ID# {1E39D50D-A03B-4F0E-9A0F-181C7D1C8F18}  Abbott Creek IRWIN ID# {978E0A25-4B34-4C57-BB28-89E1CD71159B}  \*Acres left off map products per request.  I began interpretation with the NIFS perimeter downloaded at 2200 MDT on 8/13/2023. Beginning area was 3123 acres. Interpreted acres totaled 3,187 for 64 acres of growth since the previous mapping. The fire is composed of small pockets of intense heat along the edges and an interior of scattered and isolated heat points.  Received a call mid-morning from GISS and apparently the perimeter I downloaded from the NIFS Internal view service the evening of 8/13/2023 was an older perimeter. Very mysterious since this was my first time working with the fire and I hadn’t downloaded the data previously. Apparently, the old perimeter was outside the actual perimeter at the Div A/G break. I revisited that area with the IR imagery and ignored the information from the internal view service and just mapped the heat in that area. While this brought the perimeter in a bit, it didn’t exactly match the handline either. This could be due to flame length, the angle the imager was looking or other issues. The data has been redone, uploaded to NIFS again, and all the products redone and posted to the ftp site.  The Abbot Creek polygon was within the scan box and has no heat signature. | | | |