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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: 3358 Acres  Abbot Creek: 0.28 Acres  **Growth last period:**  Ridge: 113 Acres  Abbot Creek: 0 Acres |
| **Flight Time:**  2239 MDT  **Flight Date:**  8/15/2023 | **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-56 | **Aircraft/Scanner System:**  N350SM/TK9 | **Pilots/Techs:**  Tech: Kris |
| **IRIN Comments on imagery:**  One pass, lots of orthorectification issues | | **Weather at time of flight:**  Clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  8/16/2023 0130 MDT - started | | **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/20230816> | |
| **Date and Time Products Delivered to Incident:**  NIFS: 8/16/2023 0415 MDT  All Products to ftp site: 8/16/2023 0445 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.  Began interpretation with the NIFS incident perimeter downloaded at 0150 MDT on 8/16/2023. More heat was detected tonight than previously, with more interior pockets of intense heat, and many small areas of intense heat along the perimeter. However, the majority of the growth tonight was on the northeast part of the Ridge incident in Divisions Romeo and Whiskey on Hungry Horse Mountain. Two areas of the fire connected tonight, with lots of intense heat on the west side of the ridge. There were numerous isolated areas of intense heat and isolated heat sources mapped outside the main perimeter on the east side of the ridge. Some of these may only be embers in the air, but some are on the ground and appear to be spreading. Many of the interior unburned islands are slowly closing in. Also in Div W, there is a fairly large area of intense heat on the east side of the dozer line. Division A, G, and M were fairly quiet tonight, with some small areas of perimeter growth, even in the areas where there is handline along the perimeter but not shown as controlled line. These may just be from issues with the difficulties of lining up the imagery, or could be other anomalies. If someone walks the section of line by the Div A/G break – feedback would be great.  The Abbot Creek polygon showed no heat tonight. | | | |