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| **Incident Name:**  Big Knife  MT-FHA-000094 | **IR Interpreter(s):**  Zack Muirbrook  Zack.muirbrook@usda.gov | **Local Dispatch Phone:**  Missoula Ineragency Dispatch Center  406-829-7070 | **Interpreted Size:**  7,132 Acres  **Growth last period:**  174 Acres Growth |
| **Flight Time:**  2221 MDT  **Flight Date:**  8/18/2023 | **Interpreter(s) location:**  Idaho Falls, ID  **Interpreter(s) Phone:**  208-221-3775 | **GACC IR Liaison:**  Jen Frazer  **GACC IR Liaison Phone:**  203-695-1207 | **National Coordinator:**  Kat Sorenson  **National Coord. Phone:**  406-499-2701 |
| **Ordered By:**  Howard Williams  406-370-2462 | **A Number:**  A-68 | **Aircraft/Scanner System:**  N350SM/TK9 | **Pilots/Techs:**  Tech: Kris |
| **IRIN Comments on imagery:**  One pass, good imagery | | **Weather at time of flight:**  clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  8/18/2023 2240 MDT | | **Type of media for final product:**  IRIN Daily Log, Shapefiles, File Geodatabase, KMZ, PDF Maps  **Digital files sent to:**  NIFS and FTP (Address Below) /incident\_specific\_data/n\_rockies/2023\_Fires/2023\_BigKnife/IR | |
| **Date and Time Products Delivered to Incident:**  8/19/2023 0045 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started from a perimeter downloaded from nifs around 2120 MDT. Growth acres above are comparted to that perimeter.  Most of the growth was in the North towards the confluence of Gold Cr and Jacko River. Growth besides that is minimal and spread around the whole perimeter and interior in small patches (especially in the east). There are some small patches of intenseheat in the growth in the north and one small patch in the far west interior to the perimeter. Most of the east is still covered in scattered heat while the west has much less and is mostly isolated heat with large cool areas. There is a lot of spotting in the east with one isolated heat source across South Fork Jocko River. | | | |