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| **Incident Name:**  Bowles Creek  MT-BDF-006210 | **IR Interpreter(s):**  Zack Muirbrook  Zack.muirbrook@usda.gov | **Local Dispatch Phone:**  MT-BDF  406-683-3975 | **Interpreted Size:**  \*1,171 Acres  **Growth last period:**  130 Acres |
| **Flight Time:**  2329 MDT  **Flight Date:**  7/23/2023 | **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:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Justin Martens  406-210-7007 | **A Number:**  A-9 | **Aircraft/Scanner System:**  N350SM/TK9 | **Pilots/Techs:**  Tech: Kris Froehlich |
| **IRIN Comments on imagery:**  One pass. Possible Alignment issues | | **Weather at time of flight:**  Cloudy | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  7/24/2023 0115 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\_BowlesCreek/IR | |
| **Date and Time Products Delivered to Incident:**  7/24/2023 0220 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I used a perimeter downloaded from nifs around 2100 as a starting point. Growth reported is compared to the perimeter.  The growth compared to the nifs perimeter was mainly in a finger shooting out straight east, a couple spots across Bowles creek in the NE, and in the west and SW. There were only a couple patches of intense heat mapped, one in the SW and and a couple in the east finger. Most of the fire is scattered heat. Maybe all. See below.  \*I think the perimeter in nifs Is not super accurate. I digitized the scattered heat at a much finer scale then normal so that the incident can use it for the actual heat perimeter if they want. I think the scattered heat polygons would be a pretty accurate perimeter other than maybe the extreme NW where there may be heat outside of it. The cloud cover mapped did show some heat through it, but I think it obscured some too.  There was some cloud cover over most of the fire, I mapped the thickest of it that seemed to obscure the most heat. But the rest of the fire was tough to verify alignment accuracy because of the cloud cover. | | | |