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| **Incident Name:**Bowles CreekMT-BDF-006210 | **IR Interpreter(s):**Zack MuirbrookZack.muirbrook@usda.gov | **Local Dispatch Phone:**MT-BDF406-683-3975 | **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 Martens406-210-7007 | **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.  |