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| **Incident Name:**  Tin Soldier Complex  MT-FNF-000535 | **IR Interpreter(s):**  Zack Muirbrook  Zack.muirbrook@usda.gov | **Local Dispatch Phone:**  Kalispell Dispatch  406-758-5260 | **Interpreted Size:**  Sullivan 4,253 Acres (142 growth)  Bruce 3,614 Acres (28 growth)  Total 7,867 Acres (170 growth) |
| **Flight Time:**  2245-2251 MDT  **Flight Date:**  8/23/2023 | **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:**  Kat Sorenson  **National Coord. Phone:**  406-499-2701 |
| **Ordered By:**  Chandler Mundy  435-770-5919 | **A Number:**  A-41 | **Aircraft/Scanner System:**  N350FV/TK9 | **Pilots/Techs:**  Tech: Dan |
| **IRIN Comments on imagery:**  Two passes good imagery | | **Weather at time of flight:**  clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  8/23/2023 2315 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\_TinSoldierComplex/IR | |
| **Date and Time Products Delivered to Incident:**  8/24/2023 0240 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I used perimeters pulled from nifs around 2145. Growth reported above is compared to those perimeters.  The imagery had some artifacts that looked like faint heat but were not. I identified some of the more pronounced ones as “possible” heat. They may not be heat either. For both fires the heat seems to be older and/or cooler. There may have been fire beyond what I mapped tonight.  **Sullivan**  Sullivan had a pretty significant push to the west along Ball Creek. There was ver minimal growth other than that and spread around mostly the western half of the fire. There was not intense heat mapped. There is still quite a bit of scattered and isolated heat especially on the west half (west of Sullivan creek). The east half is mostly cool.  **Bruce**  Bruce had minimal growth which was spread around the perimeter in very small patches. There was one small patch of intense heat in the NE by Red Creek. There is still quite a bit of scattered and isolated heat especially to the east. The North and west are cooler much less isolated heat. | | | |