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| **Incident Name:**Tin Soldier ComplexMT-FNF | **IR Interpreter(s):**Elise Bowneelise.bowne@usda.gov | **Local Dispatch Phone:**Kalispell Dispatch 406-758-5260 | **Interpreted Size:**3360 Acres**Growth last period:**481 Acres |
| **Flight Time:**2224 MDT**Flight Date:**08/15/2023 | **Interpreter(s) location:**Denver, CO**Interpreter(s) Phone:**303-517-7510 | **GACC IR Liaison:**Jen Frazer**GACC IR Liaison Phone:**203-695-1207 | **National Coordinator:**Kat Sorenson**National Coord. Phone:**406-499-2701 |
| **Ordered By:**MT-FNF  | **A Number:**A-56 | **Aircraft/Scanner System:**N350SM/TK9 | **Pilots/Techs:**Pilots: Tech: Kris |
| **IRIN Comments on imagery:**2 strips, good quality.   | **Weather at time of flight:**Clear | **Flight Objective:**IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**08/16/2023 0730 MDT started interpreting | **Type of media for final product:**IRIN Daily Log, Shapefiles, File Geodatabase, KML, PDF Maps**Digital files sent to:**<https://ftp.wildfire.gov/public/incident_specific_data/n_rockies/2023_Fires/2023_TinSoldierComplex/IR/20230816> and NIFS Emailed to requested addresses also |
| **Date and Time Products Delivered to Incident:**08/16/2023 1230 MDT uploaded to NIFS - 08/16/2023 1230 MDT products to ftp site |
| **Comments /notes on tonight’s mission and this interpretation.**

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| **Fire** | **Acres** | **Acres of Growth** | **Irwin ID** |
| Kah Mountain | 826 | 270 | {374BF180-24F2-4049-B982-F83DE7B57A35} |
| Sullivan | 1438 | 149 | {C86220A9-F45A-4EE1-9080-CD6AE988A3B9} |
| Bruce | 1096 | 62 | {598BA31C-2E5D-4CFF-80F3-27095BCACECF} |
| **Total** | 3360 | 481 |  |

Tonight’s perimeter started by using the incident perimeter downloaded at 0730 on 8/16/2023. Kah Mountain and Sullivan were the most active – growing together on the east end of Kah Mountain fire just west of the mouth of Branch Creek. Kah Mountain continues to grow to the SW along the SE facing slope of the ridge, and to the north down toward the north-facing slope into Ball Creek. The western perimeter of the Sullivan fire was very active, with intense heat moving to the north to meet the Kah Mountain fire and to the southwest. The eastern piece of the Sullivan fire showed activity on the SE, where it has expanded to the east. The fuel ahead could allow this it to burn around Kah Mountain on the south side. The Bruce fire was more active tonight, backing down to the trail in Bruce Creek near the confluence with Stony Creek. The heat is also backing down the east facing slope of Stony Hill and moving along the hillside on the north side of Stony Creek.Questions? Contact the interpreter, contact information above. |