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| **Incident Name:**  Diamond  AZ-TNF-001046 | **IR Interpreter(s):**  Steve Penny  stephen\_penny@firenet.gov | **Local Dispatch Phone:**  S Phoenix Interagency Fire Center 480-457-1555 | **Interpreted Size:**  5,151 Acres  **Growth last period:**  516 Acres (7/28/2023 Interpretation) |
| **Flight Time:**  22:40 MST  **Flight Date:**  07/29/2023 | **Interpreter(s) location:**  McCall, ID  **Interpreter(s) Phone:**  (cell/text) 208-315-3729 | **GACC IR Liaison:**  Thomas Mellin  **GACC IR Liaison Phone:**  505-842-3845 | **National Coordinator:**  Thomas Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  Matt Tansey | **A Number:**  A-44 | **Aircraft/Scanner System:**  N350FV/TK9 | **Pilots/Techs:**  Tech: Rachel |
| **IRIN Comments on imagery:**  Two passes, good imagery that needed minor georeferencing | | **Weather at time of flight:**  No clouds reported | **Flight Objective:**  Heat Perimeter Detection /  Categorizing Heat Intensity |
| **Date and Time Imagery Received by Interpreter:**  07/29/2023 22:55 MST | | **Type of media for final product:**  GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ  **Digital files sent to:**  NIFS and NIFC FTP  /incident\_specific\_data/southwest/GACC\_Incidents/2023/2023\_Diamond\_AZTNF/IR | |
| **Date and Time Products Delivered to Incident:**  07/30/2023 01:30 MST | |
| I started with the Wildfire Daily Fire Perimeter in the NIFS at 23:00 MST, 7/29/2023.  The only area of growth was around the southwest corner of the fire west to the drainage bottom of Maverick Spring Canyon at the head of the canyon, and on the upper part of the ridge between Maverick Spring Canyon and Indian Springs Canyon as the fire moved south. No intense heat was mapped. All the scattered heat was mapped in the southwest part of the fire except for one small area northwest of Sunflower. The rest of the fire has cooled down is mapped as isolated heat.  The IR Flight was early and some of the isolated heat mapped may be from hot rocks or ground, with some of the heat points mapped as Possible Isolated Heat Source where it was difficult to distinguish the type of heat. | | | |