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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:**  4,635 Acres  **Growth last period:**  1,628 Acres |
| **Flight Time:**  20:23 MST  **Flight Date:**  07/27/2023 | **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-39 | **Aircraft/Scanner System:**  N350FV/TK9 | **Pilots/Techs:**  Tech: Rachel |
| **IRIN Comments on imagery:**  One pass with two images, 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:**  07/27/2023 21:00 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/IR | |
| **Date and Time Products Delivered to Incident:**  07/28/2023 01:00 MST | |
| I started with the Wildfire Daily Fire Perimeter in the NIFS at 21:00 MST.  Growth occurred primarily on the north part of the fire up to the Arizona National Trail, on the northwest progressing about a ¼ mile toward FS Trail 393, on the southwest by Indian Spring and to the southeast of Diamond Mountain where small areas of intense heat were mapped as well as scattered and isolated heat. On the north perimeter, the fire has crossed FS Trail 393 near Alder Creek Spring by about 500 feet. Two isolated heat points were mapped north of the heat perimeter to the east and west of this area. No heat was mapped east of the fire perimeter at the Sunflower private land or east of AZ Highway 87. The area inside the previous IR Heat Perimeter has lost quite a bit of heat and mostly isolated heat points were mapped along with some scattered heat.  The IR Flight was early and some of the isolated heat mapped may be from hot rocks or ground. | | | |