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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:**  3,007 Acres  **Growth last period:**  1,573 Acres |
| **Flight Time:**  20:43 MST  **Flight Date:**  07/26/2023 | **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-31 | **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:**  07/26/2023 22:10 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:**  07/27/2023 00:30 MST | |
| I started with the previous IR Heat Perimeter which was identical to the Wildfire Daily Fire Perimeter in the NIFS.  Growth occurred around the perimeter north of Diamond Mountain, expanding to the west and north and filling in between the main fire and the firing operation in Sunflower and Diamond Ranch along the Forest boundary. Intense heat was mapped along the perimeter in these areas with a large area of scattered heat in the current growth.  No heat was found east of the previous IR Heat Perimeter in the Sunflower private lands. Heat was mapped just north of the Arizona National Trail west of Sunflower in Section 1 T6N R8E, but it was difficult to tell if the IR had picked up hot gas or fuel burning in that area. No heat was mapped east of southbound AZ-87.  The southern part of the fire has cooled down and isolated heat was mapped there and in the interior. | | | |